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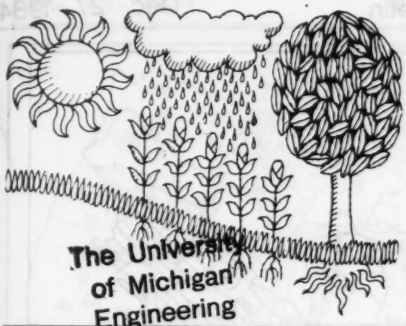

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WEEKLY WEATHER AND CROP BULLETIN

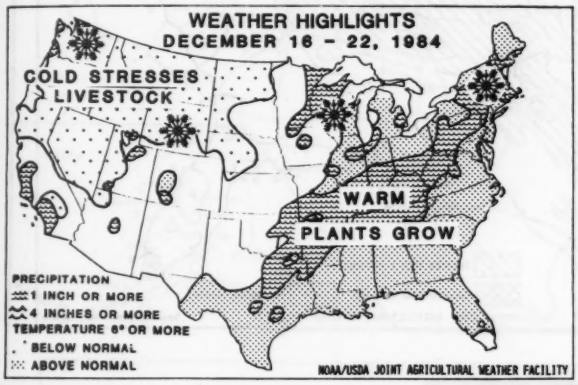
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service and World Agricultural Outlook Board

Volume 71, No. 51 | WASHINGTON, D.C. | Dec. 27, 1984

National Weather Summary

December 16 to 22



HIGHLIGHTS: Warm in the East, cold in the West. From Texas to the western Great Lakes and to the Atlantic coast, average temperatures were warmer than normal--as much as 18 to 20 degrees warmer in parts of the Southeast. Many plants began to show signs of new growth. Parts of the Northwest were 18 to 20 degrees colder than normal. The zero degree isotherm bounded the northern Plains, the Rockies, and most of the Plateau. Minimum temperatures averaged as low as 22 to 25 degrees below zero. Precipitation was widespread over much of the Nation. Moderate to heavy rain fell from eastern Texas to southern New England, but the Southeast and most of the Plains remained dry. Showers fell along the west coast and snow covered the Plateau and mountains and from the upper Mississippi Valley to New England. A mixture of snow and freezing rain reached from Missouri to New York.

SUNDAY...There was record warmth in the East and bitter cold in the West. Much of the Midwest broke 50-year records and some stations recorded 100-year records. Snow fell over the Plateau, the northern Rockies and Plains, the upper Mississippi Valley, and the western Great Lakes. Light rainshowers fell from eastern Texas into Illinois.

MONDAY...Subzero temperatures covered the northern Plains and Rockies while record warm weather reached into the Northeast. A line of light, occasionally moderate rainshowers reached from eastern Texas through the Ohio Valley, and very light snow covered the northern Plains.

TUESDAY...The very cold air spread southward through the central Plains, and eastward through the Great Lakes to New England. Record warmth continued from the Southeast to southern New England. Rain covered much of California and heavy snow covered the Sierras. Light rain and freezing rain fell from the Texas Panhandle into Missouri, and light rain extended eastward to Maryland and Pennsylvania.

WEDNESDAY...Moderate to heavy rain fell in southern California; lighter amounts reached eastward to Texas and northeastward through the Great Lakes States and to southern New England. Heavy snow fell at the higher elevations of California and the central and southern Plateau. Subzero temperatures continued in the northern Plains but the cold air stopped its southerly advance.

THURSDAY...Snow piled deep in the high elevations of southern California, the central and southern Plateau, and the central Rockies. Moderate to heavy rainshowers spread from the central Plains through the Ohio and Tennessee Valleys. A new Pacific storm brought some heavy snow to the Northwest.

FRIDAY...Precipitation covered the eastern part of the Nation from the eastern Plains to the Atlantic coast, except for the extreme Southeast. Snow fell in much of the Northwest and heavy amounts fell from the Great Lakes into New England. A mixture of snow and freezing rain covered parts of New York and Pennsylvania while rain covered the rest of the East. Heavy amounts fell from the Ohio Valley to southern New England.

SATURDAY...Arctic air held on in the northern Plains but warmer air began to push northward through the southern Plains. Light rain fell along the gulf coast and through the East Coast States. Snow continued from Washington and Oregon eastward across the northern Plains to the northern Great Lakes.

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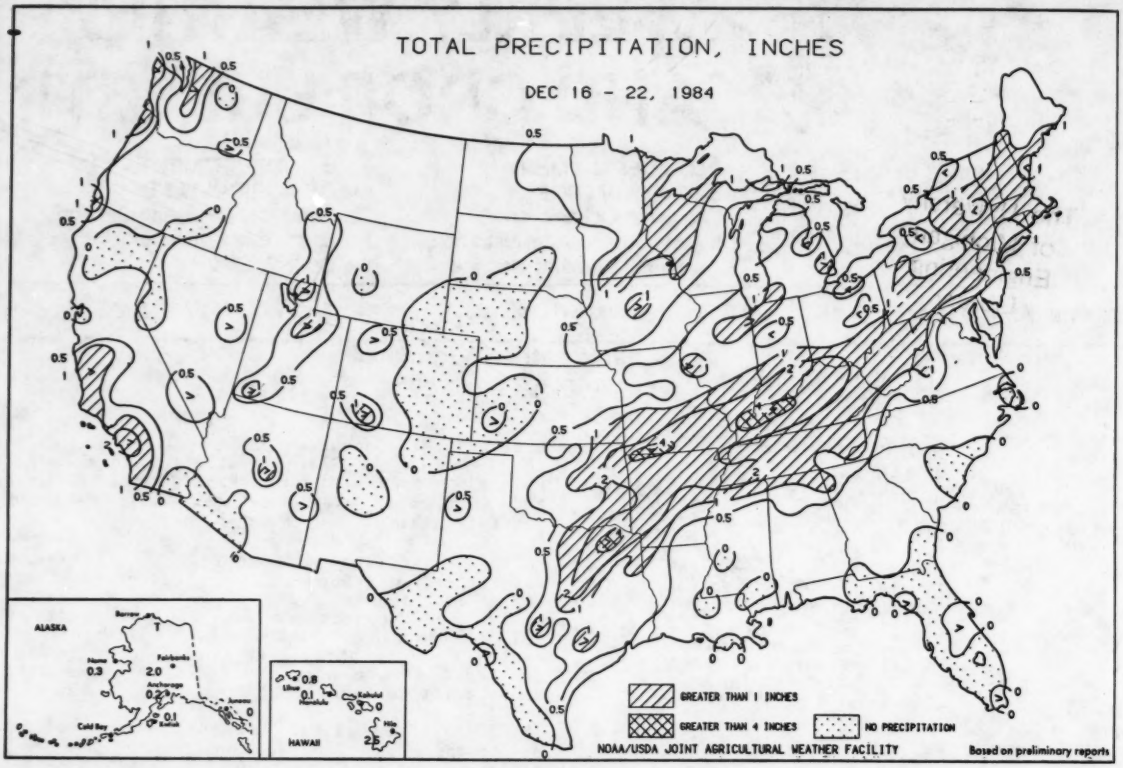
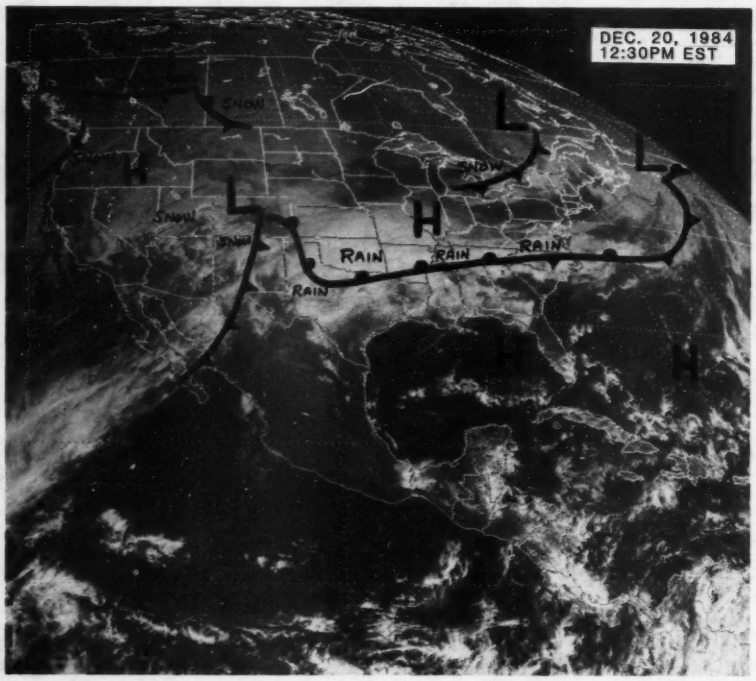
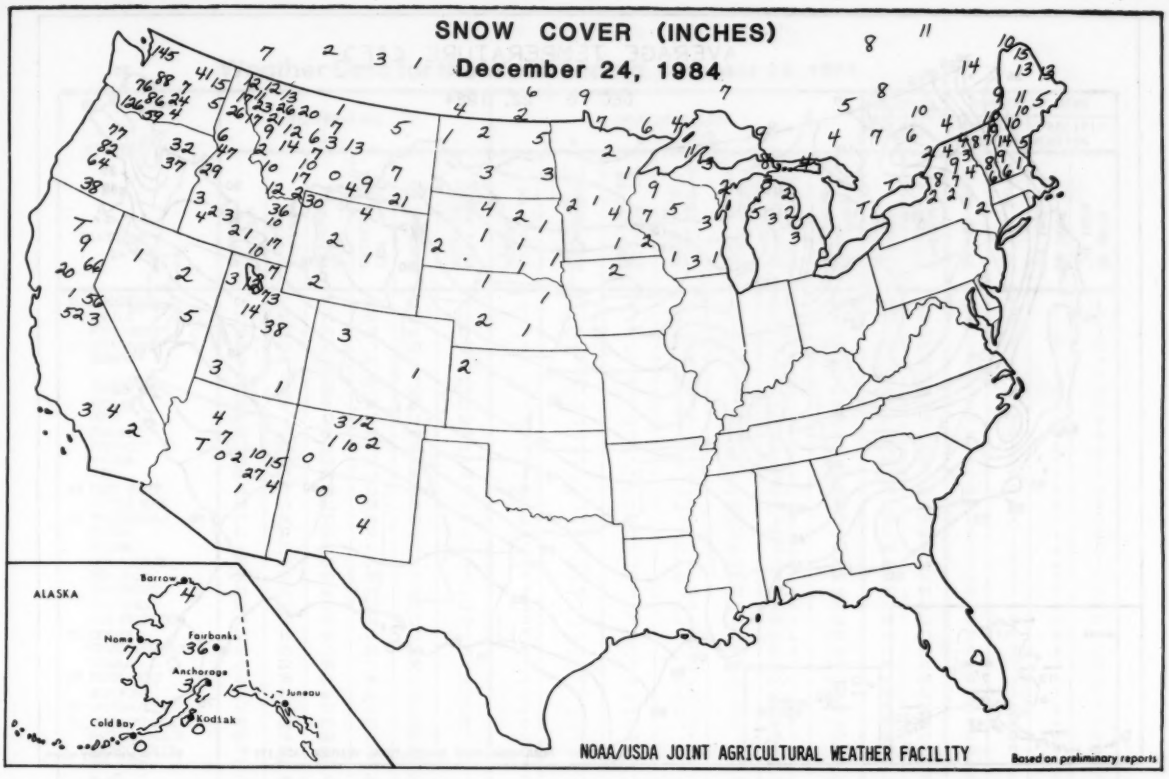


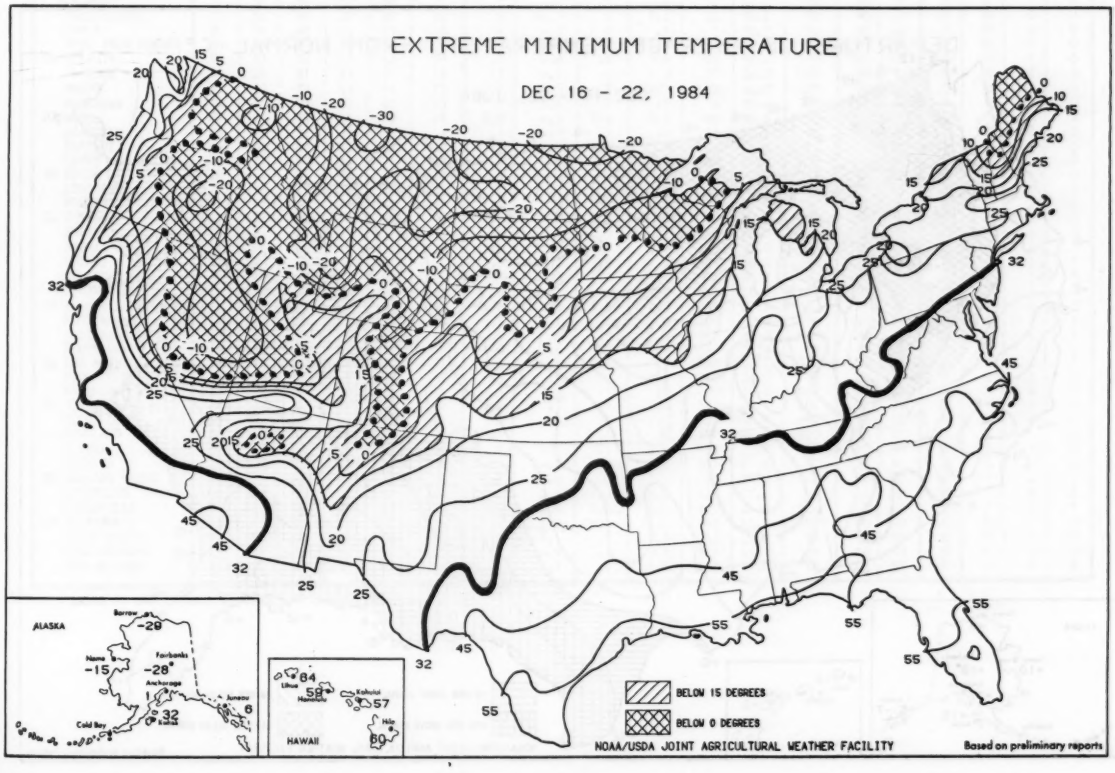


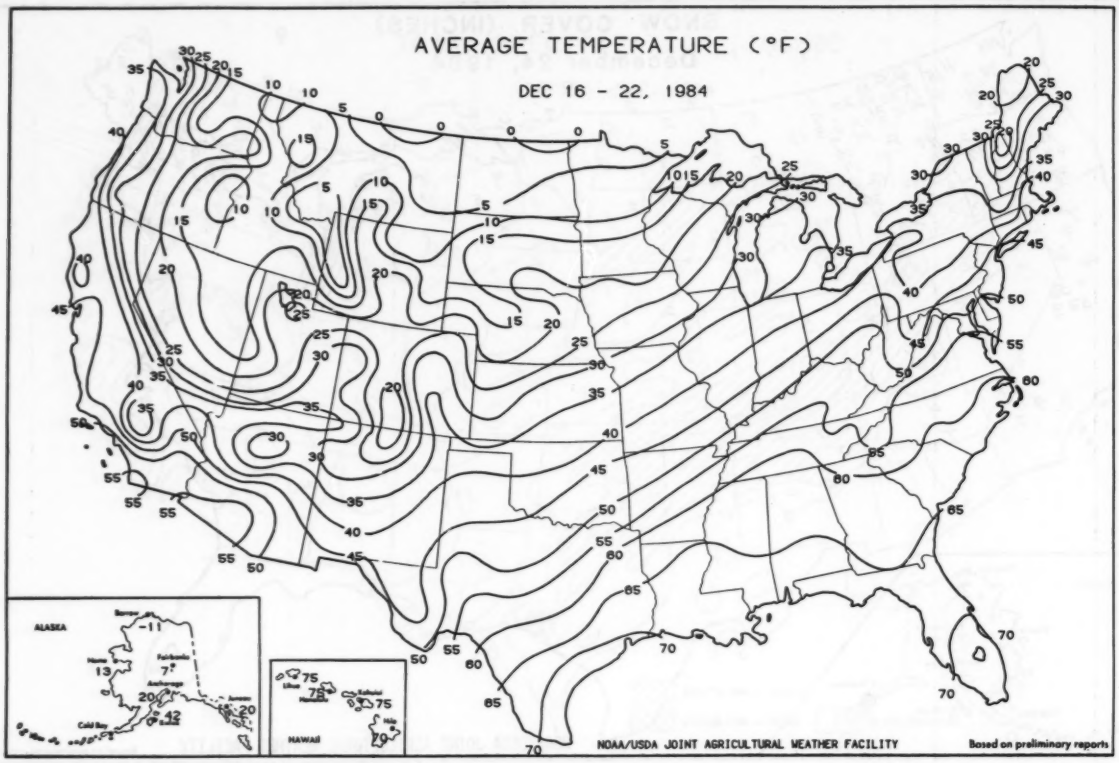
RAIN AND SHOWERS FALL ALONG AND AHEAD OF A WARM FRONT LOCATED FROM NORTH CAROLINA TO THE TEXAS PANHANDLE.

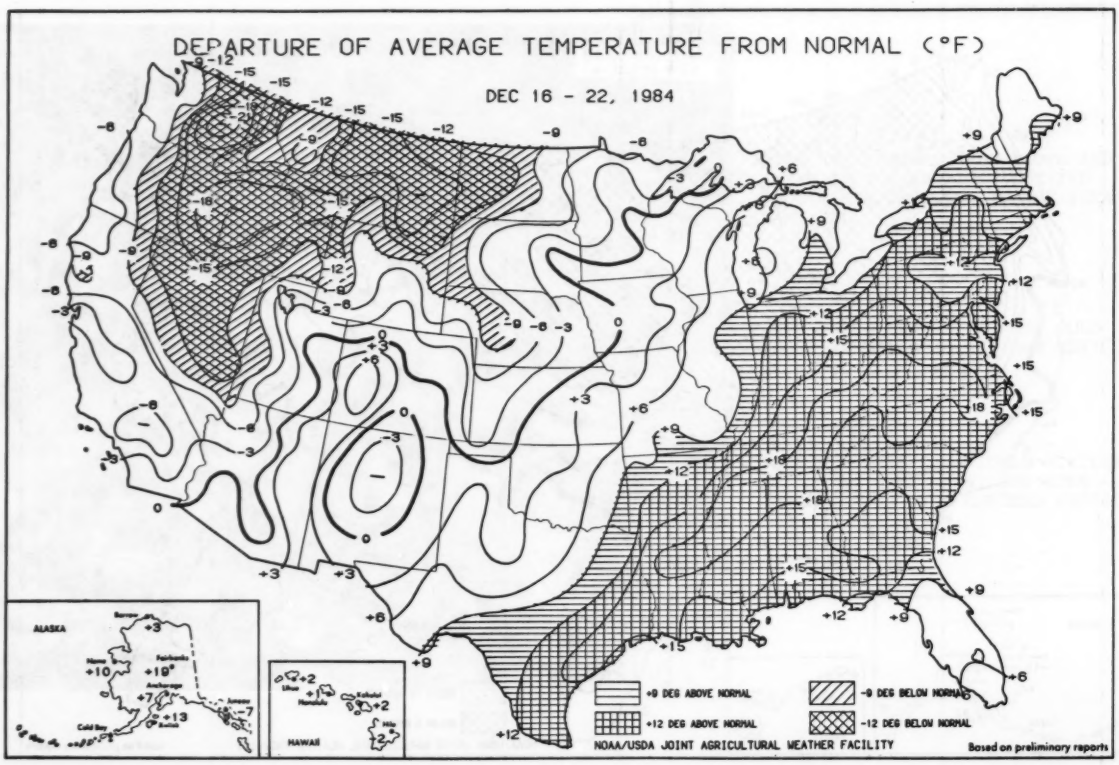
SNOW IS FALLING ALONG THE COLD FRONT IN COLORADO AND NEW MEXICO.

THUNDERSTORMS ARE WIDELY SCATTERED IN THE CARRIBEAN, BUT MORE CONCENTRATED OVER CENTRAL AMERICA.


SNOW COVER (INCHES)
December 24, 1984
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


EXTREME MINIMUM TEMPERATURE
DEC 16 - 22, 1984
ALASKA
HAWAII
BELOW 15 DEGREES
BELOW 0 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE TEMPERATURE (°F)
DEC 16 - 22, 1984
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
DEC 16 - 22, 1984
ALASKA
HAWAII
+0 DEG ABOVE NORMAL
+12 DEG ABOVE NORMAL
-0 DEG BELOW NORMAL
-12 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending December 22, 1984

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	72	52	75	39	62	17	.6	-.5	.6	2.4	70	45.9	86	90	50	0	0	1	1
MOBILE	75	55	79	52	65	13	.1	-1.1	.1	2.1	54	53.7	85	95	58	0	0	1	0
MONTGOMERY	76	53	79	48	65	17	.1	-1.1	.1	4.5	134	53.6	112	89	49	0	0	1	0
AK ANCHORAGE	27	13	37	1	20	7	.2	0	.1	.4	52	14.3	95	99	81	0	7	3	0
BARROW	-4	-18	24	-29	-11	3	T	0	T	.1	73	4.0	85	88	56	0	7	1	0
FAIRBANKS	16	-2	35	-28	7	19	2.0	1.9	.9	2.3	416	11.3	111	91	78	0	7	6	2
JUNEAU	25	14	34	6	20	-7	T	-1.1	T	T	0	45.0	87	100	69	0	7	0	0
KODIAK	48	36	56	32	42	13	.1	-1.4	0	3.3	77	66.0	91	81	44	0	2	2	0
NOME	21	5	33	-15	13	10	.3	.2	.2	.7	143	14.3	98	91	70	0	7	4	0
AZ PHOENIX	62	43	64	39	52	0	T	-.2	T	1.5	260	13.4	194	87	41	0	0	0	0
PRESCOTT	43	27	48	19	35	-1	.1	-.3	.1	1.6	146	15.0	82	92	56	0	6	2	0
TUCSON	62	38	69	33	50	-1	.1	-.1	.1	2.4	357	14.6	134	86	36	0	0	1	0
YUMA	64	47	69	43	56	0	T	-.1	T	.8	350	5.5	220	76	40	0	0	0	0
AR FORT SMITH	56	41	69	33	49	8	2.9	2.3	.7	5.1	239	52.0	132	94	64	0	0	6	3
LITTLE ROCK	61	49	74	38	55	13	1.7	.8	.5	4.3	146	58.1	129	93	77	0	0	6	2
CA BAKERSFIELD	51	34	55	31	43	-5	.4	.3	.4	.7	148	2.9	53	95	60	0	2	1	0
EUREKA	51	37	55	32	44	-4	.4	-1.0	.2	3.6	83	39.9	108	91	66	0	1	4	0
FRESNO	51	35	53	31	43	-2	1.0	.6	.5	2.0	180	6.8	67	89	60	0	1	4	0
LOS ANGELES	58	45	65	41	51	-5	2.3	1.9	1.4	3.4	323	7.0	60	83	52	0	0	4	1
RED BLUFF	50	31	55	28	41	-5	T	-.8	T	2.0	79	15.4	75	89	54	0	5	0	0
SACREMENTO	51	34	54	31	42	-3	T	-.6	T	1.2	61	8.8	54	90	59	0	3	1	0
SAN DIEGO	61	49	67	43	55	-2	1.3	1.0	.4	2.9	320	6.9	78	87	52	0	0	4	0
SAN FRANCISCO	53	38	55	34	45	-3	T	-.8	T	1.6	68	13.9	74	91	60	0	0	0	0
CO DENVER	45	17	52	12	31	-1	T	-.1	T	.4	80	16.4	108	84	33	0	7	0	0
GRAND JUNCTION	40	25	45	20	33	6	.1	-.1	.1	.3	73	11.3	145	81	50	0	7	2	0
PUEBLO	49	22	56	14	36	4	T	-.1	T	.4	173	16.0	148	84	35	0	7	0	0
CT BRIDGEPORT	49	36	61	30	42	10	.8	0	.4	2.3	84	42.4	104	96	60	0	3	3	0
HARTFORD	46	29	61	24	38	10	.9	0	.4	2.3	77	42.4	98	90	54	0	6	3	0
DC WASHINGTON	58	44	72	38	51	13	.2	-.6	.2	1.1	50	38.0	99	94	54	0	0	2	0
FL APALACHICOLA	75	56	76	53	66	11	0	-.8	0	.3	12	55.7	104	91	65	0	0	0	0
DAYTONA BEACH	80	56	82	51	68	9	0	-.5	0	.1	4	46.7	97	90	47	0	0	0	0
JACKSONVILLE	78	52	79	48	65	11	0	-.6	0	.1	7	48.9	94	97	49	0	0	0	0
KEY WEST	78	70	80	69	74	4	T	-.3	T	.1	7	39.4	101	76	57	0	0	1	0
MIAMI	79	65	80	60	72	4	T	-.4	T	.2	18	59.6	104	84	49	0	0	0	0
ORLANDO	78	58	80	55	68	7	T	-.4	T	.2	12	44.2	93	99	54	0	0	1	0
TALLAHASSEE	79	55	81	47	67	14	0	-1.1	0	1.4	44	56.4	89	96	49	0	0	0	0
TAMPA	80	57	82	54	69	8	0	-.5	0	.1	5	32.3	70	93	44	0	0	0	0
WEST PALM BEACH	79	65	81	59	72	5	T	-.5	T	.1	4	69.0	117	83	53	0	0	0	0
GA ATLANTA	70	53	74	45	61	18	.2	-.8	.2	3.6	124	55.4	117	87	51	0	0	1	0
AUGUSTA	76	46	81	41	61	15	.1	-.7	.1	1.3	57	44.3	105	99	52	0	0	1	0
MACON	73	50	79	45	61	13	T	-1.0	T	2.0	72	44.0	101	98	55	0	0	1	0
SAVANNAH	76	54	78	50	65	15	T	-.6	T	.1	6	50.4	103	93	50	0	0	1	0
HI HILO	77	63	78	60	70	-2	2.5	-.3	1.6	6.5	68	93.6	75	87	59	0	0	5	2
HONOLULU	82	69	84	59	75	1	.1	-.7	.1	.6	26	12.4	55	78	51	0	0	1	0
KAHULUI	85	66	87	57	75	2	T	-.7	T	.1	4	8.0	42	81	43	0	0	0	0
LIHUE	79	70	80	64	75	2	.8	-.5	.3	1.8	46	25.2	59	77	56	0	0	3	0
ID BOISE	20	2	35	-6	11	-20	.1	-.2	.1	.5	55	12.9	114	89	68	0	7	1	0
LEWISTON	27	16	45	3	22	-13	T	-.2	T	.4	40	10.5	85	91	70	0	7	1	0
POCATELLO	24	7	33	-11	15	-10	.2	0	.2	.5	73	13.1	124	87	63	0	7	4	0
IL CHICAGO	41	23	60	14	32	6	.6	.1	.5	1.6	101	32.3	98	90	54	0	6	3	0
MOLINE	39	23	59	15	31	6	.5	.1	.3	2.1	150	38.0	104	86	58	0	7	4	0
PEORIA	44	26	62	18	35	9	1.0	.6	.7	2.1	147	39.0	113	92	60	0	5	4	1
QUINCY	43	26	59	14	35	6	1.0	.7	.8	2.3	179	38.5	103	97	65	0	6	3	1
ROCKFORD	38	20	58	11	29	4	.5	0	.2	1.6	118	31.8	87	92	57	0	7	3	0
SPRINGFIELD	45	28	62	19	36	7	.6	.1	.3	1.5	101	40.2	121	97	69	0	5	4	0
IN EVANSVILLE	54	40	69	28	47	13	2.6	1.8	1.6	4.0	159	47.7	117	91	64	0	1	4	1
FORT WAYNE	47	33	63	24	40	12	.7	.1	.6	1.9	109	30.2	89	91	66	0	5	2	1
INDIANAPOLIS	50	35	65	25	43	12	.9	.2	.5	2.5	113	40.3	105	94	59	0	4	4	1
SOUTH BEND	44	30	65	22	37	10	1.0	.4	.7	2.8	132	32.9	88	83	60	0	5	2	1
IA DES MOINES	35	16	59	9	25	1	.6	.4	.5	1.5	199	40.4	132	96	66	0	7	2	1
SIOUX CITY	31	11	41	6	21	-1	.3	.1	.2	1.3	240	34.0	135	84	58	0	7	2	0
WATERLOO	32	15	52	7	24	4	.3	0	.1	.9	99	33.2	102	89	61	0	7	2	0
KS CONCORDIA	34	21	43	12	27	-2	.4	.3	.3	3.0	582	28.1	104	98	77	0	7	3	0
DODGE CITY	40	24	47	15	32	-1	0	-.1	0	2.4	571	18.9	92	95	68	0	7	0	0
GOODLAND	34	12	40	6	23	-6	.1	0	.1	.6	197	21.1	130	96	70	0	7	1	0
TOPEKA	41	27	54	18	34	4	.2	-.1	.1	1.6	163	37.4	113	89	62	0	5	3	0
WICHITA	43	29	54	20	36	3	.1	-.1	0	3.6	501	27.6	97	95	66	0	5	5	0
KY BOWLING GREEN	61	45	72	30	53	16	2.4	1.4	.8	3.0	93	58.2	122	96	72	0	1	4	2
LEXINGTON	60	43	71	29	52	17	3.1	2.3	1.9	3.9	144	41.4	93	94	68	0	1	5	2
LOUISVILLE	59	43	70	29	51	15	3.6	2.9	2.0	4.5	183	46.5	109	92	60	0	1	5	1
LA ALEXANDRIA	74	60	77	48	67	16	.4	-.8	.4	1.8	50	64.5	120	90	58	0	0	1	0
BATON ROUGE	75	57	79	51	66	14	T	-1.1	T	2.3	63	49.7	91	96	58	0	0	0	0
LAKE CHARLES	75	61	78	53	68	14	.3	-.9	.3	3.8	103	61.7	119	99	69	0	0	2	0
NEW ORLEANS	76	59	80	55	67	13	.1	-1.1	.1	1.8	47	51.2	88	97	59	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending December 22, 1984

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	73	58	79	45	66	18	.6	-.3	.4	2.2	82	47.7	111	93	59	0	0	3	0
ME CARIBOU	27	12	46	-5	20	6	.7	0	.3	2.3	99	34.4	96	93	70	0	6	6	0
PORTLAND	41	24	57	19	33	9	1.0	0	.5	3.3	100	47.9	113	95	55	0	7	3	0
MD BALTIMORE	57	40	69	36	49	13	.4	-.4	.3	1.2	50	36.3	89	88	47	0	0	3	0
SALISBURY	62	43	72	39	53	15	.2	-.7	.1	1.4	55	41.5	93	99	63	0	0	3	0
MA BOSTON	50	35	62	28	42	10	1.3	.3	.6	2.7	85	50.0	117	93	48	0	2	3	1
CHATHAM	49	37	56	30	43	9	1.2	0	.5	2.8	80	48.9	107	--	--	0	1	3	0
MI ALPENA	40	20	57	10	30	8	.3	-.1	.2	1.2	88	29.5	105	98	62	0	6	4	0
DETROIT	47	27	65	22	37	10	.8	.2	.6	1.6	86	25.3	83	84	55	0	5	2	1
FLINT	44	27	62	15	35	9	.8	.4	.6	1.8	123	28.1	98	88	60	0	5	2	1
GRAND RAPIDS	41	26	61	18	34	8	.8	.3	.7	2.4	127	26.7	79	94	65	0	5	3	1
HOUGHTON LAKE	35	21	55	12	28	7	.3	-.1	.2	1.2	83	26.6	97	91	63	0	7	3	0
LANSING	41	24	61	13	32	7	.9	.4	.6	1.8	114	27.1	93	94	68	0	5	2	1
MARQUETTE	27	10	47	-3	19	2	.8	.3	.4	2.3	128	32.0	88	94	66	0	7	4	0
MUSKEGON	40	25	58	17	32	6	.5	0	.4	2.6	140	28.0	91	85	65	0	5	3	0
SAULT STE. MARIE	32	15	49	4	23	5	1.0	.4	.5	3.7	198	33.5	102	98	68	0	7	7	0
MN ALEXANDRIA	19	-3	40	-9	8	-4	.6	.5	.5	.8	158	31.9	131	89	59	0	7	3	0
DULUTH	18	0	44	-10	9	-3	1.4	1.1	1.3	1.7	183	26.9	91	83	59	0	7	3	1
INT'L FALLS	11	-13	32	-27	-1	-8	.9	.7	.6	1.0	153	20.6	85	84	58	0	7	4	1
MINNEAPOLIS	26	8	47	0	17	-1	1.0	.8	.8	1.8	267	36.3	138	76	50	0	7	3	1
ROCHESTER	28	10	47	1	19	2	.6	.4	.4	1.4	216	27.7	99	89	59	0	7	2	0
MS GREENWOOD	71	58	75	41	64	19	.1	-1.2	0	.4	11	50.3	97	100	68	0	0	3	0
JACKSON	75	55	79	43	65	17	T	-1.3	T	1.5	38	49.0	96	98	56	0	0	0	0
MERIDIAN	74	52	79	45	63	16	T	-1.3	T	2.7	67	52.6	102	97	56	0	0	1	0
MO CAPE GIRARDEAU	54	41	66	33	47	--	3.2	2.4	2.1	4.9	176	47.6	109	98	71	0	0	4	2
COLUMBIA	46	29	62	24	38	6	.5	.1	.3	1.2	88	46.9	132	96	62	0	6	5	0
KANSAS CITY	40	24	61	17	32	2	.4	.1	.2	2.4	241	37.5	108	97	70	0	6	4	0
SAINT LOUIS	49	33	68	26	41	8	.8	.3	.5	1.5	93	48.4	145	92	51	0	3	4	1
SPRINGFIELD	52	35	64	29	44	8	1.8	1.2	1.4	4.1	217	42.9	110	89	58	0	2	4	1
MT BILLINGS	25	5	43	-12	15	-11	T	-.2	T	.4	81	10.0	67	79	54	0	7	1	0
GLASGOW	13	-8	32	-21	3	-13	.1	.1	.1	.2	91	6.3	55	77	53	0	7	2	0
GREAT FALLS	19	-2	37	-26	8	-16	.1	-.1	.1	.6	119	11.5	77	74	50	0	7	2	0
HAVRE	13	-9	32	-34	2	-16	T	-.1	T	.1	31	6.3	57	78	53	0	7	1	0
HELENA	17	-1	40	-19	8	-15	T	-.1	T	.1	33	8.9	79	92	62	0	7	1	0
KALISPELL	18	8	33	-6	13	-11	.5	.1	.2	.8	69	15.7	101	84	66	0	7	5	0
MILES CITY	11	-4	22	-20	3	-17	.2	.1	.2	.3	66	8.1	58	87	62	0	7	2	0
MISSOULA	24	8	42	-1	16	-8	.1	-.2	0	.4	46	12.9	99	93	63	0	7	4	0
NE GRAND ISLAND	31	10	39	4	21	-5	.3	.2	.3	1.3	277	31.6	136	87	59	0	7	3	0
LINCOLN	33	15	40	9	24	-2	.7	.6	.4	3.4	706	36.5	157	94	63	0	7	3	0
NORFOLK	31	10	40	4	20	-2	.2	0	.2	1.0	231	33.7	143	95	61	0	7	1	0
NORTH PLATTE	27	4	37	0	16	-9	T	-.1	T	.7	218	21.1	109	95	65	0	7	0	0
OMAHA	32	12	48	7	22	-2	1.0	.9	.5	4.4	770	37.9	128	87	69	0	7	3	1
SCOTTSBLUFF	32	7	43	-2	19	-8	T	-.1	T	.3	78	12.7	88	81	50	0	7	0	0
VALENTINE	35	6	46	0	21	-2	T	-.1	T	T	0	19.0	112	80	40	0	7	0	0
NV ELY	30	-3	33	-12	14	-11	.7	.5	.3	.8	143	14.8	168	90	55	0	7	3	0
LAS VEGAS	47	33	52	29	40	-5	.6	.5	.4	1.0	455	6.2	151	89	47	0	4	4	0
RENO	34	12	40	7	23	-9	T	-.3	T	.1	8	4.3	60	99	56	0	7	1	0
WINNEMUCCA	29	5	39	-6	17	-13	T	-.2	T	.3	55	12.7	167	99	60	0	7	1	0
NH CONCORD	42	24	56	19	33	10	1.2	.5	.5	2.6	103	42.2	119	99	63	0	7	3	1
NJ ATLANTIC CITY	59	39	70	32	49	14	.3	-.5	.2	1.7	63	39.4	96	91	50	0	1	2	0
NM ALBUQUERQUE	38	22	44	15	30	-5	T	-.1	T	1.0	278	11.9	149	94	64	0	6	0	0
CLOVIS	48	31	57	25	40	1	.4	.2	.3	1.0	230	24.9	146	87	59	0	4	3	0
ROSWELL	52	32	67	20	42	0	.3	.2	.2	.8	390	18.2	190	80	48	0	3	2	0
NY ALBANY	43	30	59	25	37	12	.8	.1	.4	2.3	107	36.7	105	98	59	0	5	3	0
BINGHAMTON	44	30	60	22	37	12	1.0	.4	.8	2.0	93	38.5	107	95	62	0	5	3	1
BUFFALO	50	29	64	22	40	12	.8	0	.5	1.8	71	35.4	97	85	54	0	5	3	0
NEW YORK	53	40	59	36	46	12	.7	-.2	.5	1.9	71	49.9	119	91	55	0	0	3	0
ROCHESTER	47	29	60	20	38	10	.7	.1	.4	1.8	98	32.2	105	87	58	0	4	2	0
SYRACUSE	42	27	54	22	35	8	1.1	.4	.7	2.6	109	35.9	93	98	71	0	6	3	1
NC ASHEVILLE	65	42	71	35	54	15	.2	-.6	.2	1.3	53	45.7	98	99	55	0	0	2	0
CHARLOTTE	69	48	76	43	59	17	.1	-.6	.1	2.4	101	45.0	107	95	50	0	0	2	0
GREENSBORO	67	48	75	42	57	18	.3	-.5	.2	1.9	81	50.4	121	94	56	0	0	3	0
HATTERAS	69	52	73	46	61	13	T	-1.0	T	1.1	36	44.6	82	96	65	0	0	0	0
NEW BERN	74	51	80	44	63	17	T	-.8	T	1.2	45	59.3	114	89	54	0	0	1	0
RALEIGH	67	50	77	45	58	17	.1	-.6	.1	2.3	105	46.2	113	95	60	0	0	2	0
WILMINGTON	75	54	80	49	65	17	T	-.8	T	1.0	43	57.3	109	92	53	0	0	0	0
ND BISMARCK	16	-12	28	-25	2	-12	.3	.1	.2	.3	88	14.6	96	87	61	0	7	3	0
FARGO	17	-6	35	-15	6	-5	.8	.6	.6	.8	186	20.0	103	79	53	0	7	3	1
GRAND FORKS	16	-8	35	-16	4	-5	1.0	.8	.8	1.0	227	20.5	113	77	53	0	7	3	1
WILLISTON	11	-9	26	-18	1	-12	.1	-.1	.1	.1	37	10.4	76	80	52	0	7	2	0
OH AKRON-CANTON	52	33	62	24	42	14	.5	-.1	.3	1.8	93	34.5	98	89	61	0	5	2	0
CINCINNATI	55	39	67	24	47	15	1.9	1.2	1.6	3.0	144	40.6	103	90	63	0	1	4	1
CLEVELAND	50	29	64	24	40	10	.4	-.2	.3	1.5	78	39.4	114	85	55	0	5	2	0
COLUMBUS	54	37	67	28	46	15	.6	0	.4	2.0	110	32.5	90	84	55	0	3	2	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending December 22, 1984

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	51	36	66	26	44	13	.7	.1	.5	2.5	139	34.4	101	86	58	0	4	3	0
TOLEDO	46	29	62	24	37	11	1.0	.4	.7	2.0	106	30.0	96	95	64	0	6	2	1
YOUNGSTOWN	51	31	61	25	41	13	.6	-.1	.4	1.8	90	36.2	99	92	62	0	5	2	0
OK OKLAHOMA CITY	52	35	62	28	43	4	.9	.6	.9	5.1	577	30.7	100	93	61	0	3	2	1
TULSA	52	37	64	32	45	6	1.2	.8	1.1	5.1	374	45.1	117	89	59	0	1	4	1
OR ASTORIA	42	30	51	23	36	-7	1.8	-.8	.7	4.5	55	66.4	100	88	67	0	5	4	2
BURNS	23	-2	35	-20	11	-16	.3	.1	.2	.9	129	11.7	154	—	—	0	7	2	0
MEDFORD	39	28	45	20	34	-3	.4	-.4	.1	1.6	67	18.2	96	99	71	0	6	3	0
PENDLETON	29	11	49	-7	20	-16	.3	-.1	.1	.8	72	12.8	109	91	52	0	6	4	0
PORTLAND	38	29	51	18	34	-7	.3	-1.2	.2	1.7	38	36.5	102	87	66	0	5	3	0
SALEM	40	28	50	13	34	-6	.4	-1.3	.2	2.1	42	43.6	114	91	70	0	5	4	0
PA ALLENTOWN	49	34	59	29	42	12	1.2	.3	.7	2.3	87	51.6	119	91	55	0	3	3	1
ERIE	51	31	65	27	41	12	.5	-.2	.4	1.8	76	35.4	92	88	62	0	5	2	0
HARRISBURG	50	39	58	33	45	13	1.1	.4	.8	2.2	94	43.3	113	93	57	0	0	5	1
PHILADELPHIA	54	37	63	32	46	12	.6	-.2	.3	2.0	81	43.4	107	90	52	0	1	3	0
PITTSBURGH	56	34	64	28	45	15	1.0	.4	.5	2.2	125	34.5	97	89	62	0	5	2	0
SCRANTON	47	33	58	27	40	12	.8	.2	.6	1.6	85	37.9	110	92	59	0	5	3	1
RI PROVIDENCE	51	31	63	27	41	10	1.3	.3	.6	2.9	90	48.4	110	92	50	0	5	3	1
SC CHARLESTON	75	53	78	49	64	15	0	-.7	0	.6	27	46.1	91	98	58	0	0	0	0
COLUMBIA	76	46	80	40	61	15	T	-.8	T	1.8	73	44.5	93	99	50	0	0	1	0
FLORENCE	73	50	78	46	62	15	0	-.7	0	.9	44	39.8	92	94	52	0	0	0	0
GREENVILLE	68	49	76	43	58	16	.1	-.8	.1	2.2	80	58.3	118	92	58	0	0	3	0
SD ABERDEEN	23	-2	36	-13	11	-4	.3	.2	.2	.5	141	21.3	120	86	56	0	7	3	0
HURON	30	7	38	1	18	1	T	-.1	T	.5	107	29.6	159	80	48	0	7	0	0
RAPID CITY	32	3	47	-6	17	-8	.1	0	0	.1	40	15.1	93	71	43	0	7	2	0
SIOUX FALLS	30	7	41	1	19	1	.2	.1	.2	1.0	187	28.8	120	86	55	0	7	1	0
TN CHATTANOOGA	67	47	71	38	57	17	.6	-.6	.4	1.5	43	47.5	93	91	59	0	0	4	0
KNOXVILLE	65	45	70	34	55	15	1.0	0	.6	1.8	54	47.8	104	96	60	0	0	4	1
MEMPHIS	66	53	74	37	60	17	3.2	2.2	1.9	3.9	112	56.6	112	95	77	0	0	4	2
NASHVILLE	64	49	74	33	56	16	1.2	.2	.6	1.7	52	55.9	118	91	67	0	0	4	1
TX ABILENE	58	41	68	34	49	4	T	-.1	T	1.2	193	20.4	89	91	63	0	0	2	0
AMARILLO	52	30	56	23	41	3	.1	0	.1	.8	222	19.0	100	86	52	0	4	3	0
AUSTIN	70	55	79	50	63	11	.4	-.1	.3	2.2	147	25.3	82	93	63	0	0	2	0
BEAUMONT	73	64	76	57	69	15	.4	-.6	.2	1.3	41	58.6	114	100	76	0	0	2	0
BROWNSVILLE	81	67	83	65	74	13	.3	0	.2	1.5	175	40.0	159	100	70	0	0	3	0
CORPUS CHRISTI	78	63	84	56	70	12	.2	-.2	.2	.4	43	21.1	71	100	63	0	0	2	0
DEL RIO	69	57	75	48	63	11	T	-.1	T	.8	184	13.6	80	90	55	0	0	1	0
EL PASO	57	34	63	25	46	2	T	-.1	T	1.0	340	16.6	216	92	42	0	3	2	0
FORT WORTH	60	47	69	40	53	6	1.9	1.6	1.9	4.3	352	31.1	107	93	63	0	0	3	1
GALVESTON	69	62	73	61	66	10	.2	-.7	.1	2.4	91	35.2	90	98	82	0	0	2	0
HOUSTON	76	62	80	55	69	16	.6	-.2	.6	1.3	48	46.6	106	93	57	0	0	1	1
LUBBOCK	56	35	60	29	45	5	T	-.1	T	.9	256	14.3	81	95	61	0	4	2	0
MIDLAND	62	39	70	32	51	5	T	-.1	T	.5	131	16.1	118	88	48	0	2	0	0
SAN ANGELO	62	40	70	32	51	4	T	-.1	T	.7	160	16.2	90	95	61	0	1	2	0
SAN ANTONIO	72	57	76	46	64	12	.4	.1	.2	1.7	169	24.2	84	91	58	0	0	2	0
VICTORIA	77	64	80	53	70	15	.6	.1	.3	1.4	91	31.4	86	94	63	0	0	2	0
WACO	65	50	74	43	57	9	1.7	1.3	1.7	3.9	283	33.2	109	91	64	0	0	3	1
WICHITA FALLS	55	38	62	33	46	3	.2	-.1	.1	2.5	281	22.7	86	93	65	0	0	3	0
UT BLANDING	39	21	44	12	30	2	.3	0	.2	1.2	134	10.1	90	93	66	0	7	2	0
CEDAR CITY	33	14	40	3	24	-7	.5	.4	.4	.6	135	12.5	124	97	67	0	7	3	0
SALT LAKE CITY	33	20	39	7	27	-3	.4	0	.2	.8	84	21.6	144	86	66	0	7	5	0
VT BURLINGTON	39	26	53	13	32	12	.7	.2	.3	2.5	140	35.6	108	86	49	0	7	3	0
VA NORFOLK	67	48	77	45	57	15	T	-.7	T	2.2	100	44.8	101	85	57	0	0	2	0
RICHMOND	64	48	75	44	56	17	.2	-.6	.2	1.4	58	46.0	106	92	60	0	0	2	0
ROANOKE	62	47	72	37	55	17	.7	0	.6	1.2	59	43.0	112	90	59	0	0	5	1
WA COLVILLE	17	2	26	-8	10	-17	.3	-.3	.3	1.4	80	25.3	151	92	82	0	7	1	0
QUILLAYUTE	40	29	47	18	35	-6	2.0	-1.7	.8	11.3	98	109.8	110	99	83	0	5	5	2
SEATTLE-TACOMA	38	28	47	20	33	-8	.5	-1.0	.2	3.2	72	35.1	95	92	68	0	4	5	0
SPOKANE	20	2	37	-12	11	-17	.4	-.2	.2	1.6	93	17.7	111	100	84	0	7	3	0
YAKIMA	23	0	48	-10	11	-19	.1	-.1	.1	.5	55	9.0	118	83	58	0	7	1	0
WV BECKLEY	59	46	67	31	52	20	1.2	.4	.6	2.0	90	40.0	97	95	66	0	1	5	1
CHARLESTON	64	45	72	32	54	18	1.2	.5	.7	2.3	100	39.5	95	86	57	0	1	4	1
HUNTINGTON	61	44	71	29	53	17	1.8	1.1	.9	3.0	136	39.4	99	94	61	0	1	4	2
PARKERSBURG	60	41	70	29	51	17	1.2	.6	1.0	2.7	142	32.7	81	91	58	0	1	3	1
WI GREEN BAY	33	18	54	8	26	7	.5	.2	.4	1.1	105	36.0	130	83	56	0	6	2	0
LA CROSSE	31	13	52	4	22	2	.5	.3	.3	1.2	157	31.8	106	82	54	0	7	2	0
MADISON	36	20	54	11	28	7	.4	0	.3	1.2	105	32.1	105	84	56	0	7	2	0
MILWAUKEE	38	24	58	16	31	7	.4	-.1	.3	1.8	122	37.8	124	87	54	0	6	3	0
WAUSAU	29	12	47	0	21	4	.7	.4	.5	1.6	172	40.1	128	90	60	0	7	2	1
WY CASPER	33	7	37	-16	20	-5	.1	0	.1	.4	105	13.0	114	85	48	0	7	1	0
CHEYENNE	35	13	41	3	24	-5	T	-.1	T	.2	89	17.4	132	89	48	0	7	0	0
LANDER	27	5	36	-2	16	-6	T	-.1	T	T	9	12.9	98	67	42	0	7	0	0
SHERIDAN	20	-2	41	-20	9	-15	.1	-.1	.1	.1	20	13.7	92	72	44	0	7	3	0
PR SAN JUAN	82	72	83	69	77	-1	.3	-.6	.2	2.4	72	42.5	81	75	54	0	0	4	0

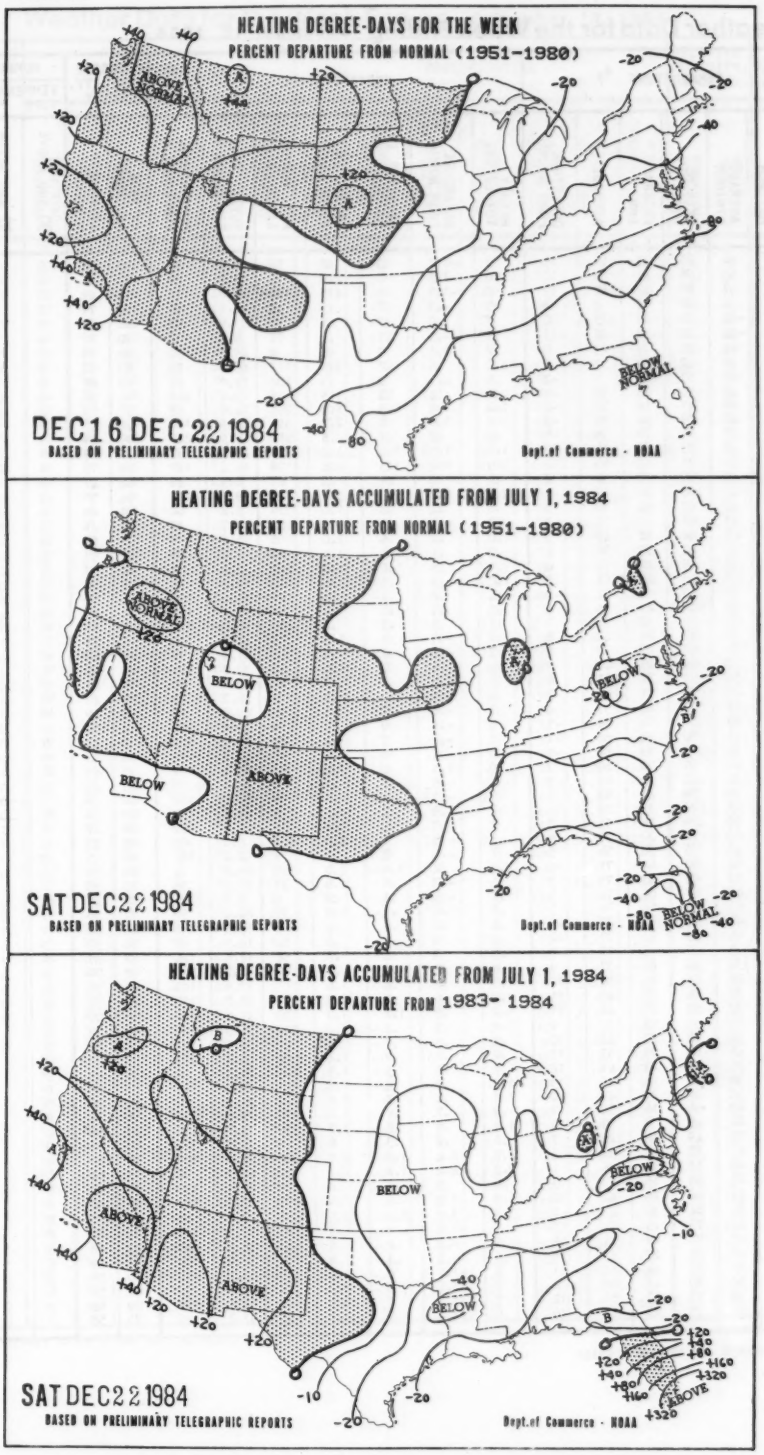
BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 12-22-1984
ACCUMULATIONS ARE FROM JULY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	21	-120	-149	724	-239	-183	-25	-20
AL MOBILE	MOB	5	-89	-91	441	-97	-98	-18	-18
AL MONTGOMERY	MGM	7	-111	-118	528	-223	-81	-30	-13
AK ANCHORAGE	ANC	312	-52	-20	4090	-306	-64	-7	-2
AK BARROW	BRW	529	-25	119	7784	-229	-360	-3	-4
AK FAIRBANKS	FAI	404	-132	-45	5578	-212	64	-4	1
AK JUNEAU	JNU	316	44	-68	3605	-24	-123	-1	-3
AK KODIAK	ADQ	159	-93	-23	3158	-429	246	-12	8
AK NOME	OME	362	-72	113	5353	-243	506	-4	10
AZ FLAGSTAFF	FLG	279	27	63	2615	65	268	3	11
AZ PHOENIX	PHX	89	2	41	379	-57	51	-13	16
AZ TUCSON	TUS	104	7	34	561	37	73	7	15
AZ WINSLOW	INW	231	-4	42	1689	15	276	1	20
AZ YUMA	YUM	63	0	31	268	-28	79	-9	42
AR FORT SMITH	FSM	114	-59	-188	997	-143	-207	-13	-17
AR LITTLE ROCK	1M1	69	-90	-221	889	-151	-265	-15	-23
CA BAKERSFIELD	BFL	155	31	31	782	87	223	13	40
CA EUREKA	EKA	145	26	24	1604	-283	399	-15	33
CA FRESNO	FAT	154	10	45	811	-76	202	-9	33
CA LOS ANGELES	LAX	95	36	33	420	-14	112	-3	36
CA RED BLUFF	RBL	170	36	34	1037	185	234	22	29
CA SAN DIEGO	SAN	68	12	40	265	-63	104	-19	65
CA SAN FRANCISCO	SFO	135	21	41	882	-207	251	-19	40
CA STOCKTON	SCK	163	21	43	939	75	250	9	36
CO DENVER	DEN	238	8	-193	2280	212	7	10	0
CO GRAND JUNCTION	GJT	225	-41	-33	1939	-36	327	-2	20
CO PUEBLO	PUB	202	-28	-199	1967	65	40	3	2
CT BRIDGEPORT	BDR	158	-68	-90	1418	-186	-143	-12	-9
CT HARTFORD	BDL	190	-73	-94	1843	-162	-65	-8	-3
DE WILMINGTON	ILG	134	-81	-121	1405	-152	-109	-10	-7
DC WASHINGTON	DCA	97	-94	-112	1114	-166	-46	-13	-4
FL APALACHICOLA	AQQ	3	-76	-69	332	-70	-43	-17	-11
FL DAYTONA BEACH	DAB	0	-49	-22	141	-88	-82	-38	-37
FL FORT MEYER	FMY	0	-28	0	52	-48	26	-48	100
FL JACKSONVILLE	JAX	3	-77	-85	359	-66	-27	-16	-7
FL KEY WEST	EYW	0	-7	0	2	-13	2	**	**
FL MIAMI	MIA	0	-10	0	27	-3	23	**	**
FL ORLANDO	MCO	0	-39	-11	141	-17	25	-11	22
FL TALLAHASSEE	TLH	4	-88	-82	381	-137	-110	-26	-22
FL TAMPA	TPA	0	-42	-19	153	-31	32	-17	26
FL WEST PALM BEACH	PBI	0	-14	0	40	-10	20	**	**
GA ATLANTA	ATL	26	-124	-148	750	-239	-219	-24	-23
GA AUGUSTA	AGS	28	-104	-119	665	-183	-90	-22	-12
GA MACON	MCN	24	-95	-104	599	-148	-41	-20	-6
GA SAVANNAH	SAV	3	-105	-119	487	-127	-25	-21	-5
HI HILO-HAWAII	ITO	0	0	0	0	0	0	**	**
HI HONOLULU-OAHU	HNL	0	0	0	0	0	0	**	**
HI KAHULUI-MAUI	OGG	0	0	0	0	0	0	**	**
HI LIHUE-KAUAI	LIH	0	0	0	0	0	0	**	**
ID BOISE	BOI	379	142	34	2500	433	474	21	23
ID LEWISTON	LWS	303	89	-40	2162	171	197	9	10
ID POCATELLO	PIH	345	70	-59	2834	310	371	12	15
IL CHICAGO	ORD	229	-42	-183	2088	52	-121	3	-5
IL MOLINE	MLI	235	-46	-204	1995	-90	-158	-4	-7
IL PEORIA	PIA	206	-65	-219	1826	-187	-136	-9	-7
IL ROCKFORD	RFD	253	-39	-185	2139	-124	-209	-5	-9
IL SPRINGFIELD	SPI	200	-50	-219	1679	-123	-176	-7	-9
IN EVANSVILLE	EVV	124	-90	-186	1308	-240	-157	-16	-11
IN FORT WAYNE	FWA	174	-88	-164	1689	-349	-118	-17	-7
IN INDIANAPOLIS	IND	155	-88	-201	1515	-319	-254	-17	-14
IN SOUTH BEND	SBN	192	-69	-179	1779	-253	-198	-12	-10
IA DES MOINES	DSM	275	-10	-211	2121	22	-230	1	-10
IA DUBUQUE	DBQ	269	-38	-220	2213	-205	-292	-8	-12
IA SIOUX CITY	SUX	306	3	-204	2270	-15	-283	-1	-11
KS CONCORDIA	CNK	260	13	-197	1852	33	-393	2	-18
KS DODGE CITY	DDC	231	5	-194	1649	-19	-177	-1	-10
KS GOODLAND	GLD	292	43	-156	2141	44	-143	2	-6
KS TOPEKA	TOP	215	-27	-236	1637	-110	-247	-6	-13
KS WICHITA	ICT	202	-20	-228	1538	-22	-285	-1	-16
KY LEXINGTON	LEX	91	-118	-190	1321	-252	-162	-16	-11
KY LOUISVILLE	SDF	98	-104	-186	1231	-237	-193	-16	-14
LA BATON ROUGE	BTR	7	-83	-120	423	-111	-110	-21	-21
LA LAKE CHARLES	LCH	2	-80	-133	388	-108	-22	-22	-5
LA NEW ORLEANS	MSY	1	-79	-87	366	-84	-60	-19	-14
LA SHREVEPORT	SHV	11	-108	-229	506	-223	-348	-31	-41
ME CARIBOU	CAR	315	-44	-80	2994	-353	-88	-11	-3
ME PORTLAND	PWM	224	-62	-65	2213	-254	-28	-10	-1
MD BALTIMORE	BWI	112	-96	-119	1321	-166	-129	-11	-9
MA BOSTON	BOS	156	-73	-104	1667	-40	83	-2	5
MI ALPENA	APN	246	-55	-127	2584	-195	-167	-7	-6
MI DETROIT	DTW	193	-72	-135	1957	-173	-146	-8	-7
MI FLINT	FNT	208	-67	-139	1997	-276	-161	-12	-7
MI GRAND RAPIDS	GRR	217	-57	-149	2000	-242	-253	-11	-11
MI HOUGHTON LAKE	HTL	258	-47	-135	2483	-295	-168	-11	-6
MI LANSING	LAN	228	-48	-136	2170	-96	-209	-4	-9
MI MARQUETTE	MQT	322	-18	-134	3116	-168	-104	-5	-3
MI MUSKEGON	MKG	227	-40	-129	2083	-129	-172	-6	-8
MI SAULT ST MARIE	SSM	292	-37	-148	2991	-128	-26	-4	-1
MN DULUTH	DLH	389	18	-147	3217	-195	-60	-6	-2
MN INT'L FALLS	INL	459	47	-128	3623	-84	-76	-2	-2
MN MINNEAPOLIS	MSP	334	2	-196	2624	-21	-276	-1	-10
MN ROCHESTER	RST	321	-16	-227	2715	-37	-297	-1	-10
MN SAINT CLOUD	STC	365	4	-193	2943	-89	-233	-3	-7
MS JACKSON	JAN	10	-111	-163	604	-176	-179	-23	-23
MS MERIDIAN	MEI	15	-109	-128	574	-262	-214	-31	-27
MO COLUMBIA	COU	191	-43	-227	1577	-103	-283	-6	-15
MO KANSAS CITY	MCI	227	-13	-242	1699	10	-296	1	-15
MO SAINT LOUIS	STL	165	-59	-217	1412	-182	-183	-11	-11
MO SPRINGFIELD	SGF	149	-60	-224	1349	-174	-191	-11	-12
MT BILLINGS	BIL	348	77	-171	2771	286	171	12	7
MT GLASGOW	GGW	433	87	-125	3297	232	57	8	2
MT GREAT FALLS	GTF	393	112	-166	3077	378	11	14	0
MT HAVRE	HVR	440	108	-148	3469	426	57	14	2
MT HELENA	HLN	396	99	-121	3152	175	52	6	2
MT KALISPELL	FCA	364	74	-113	3365	189	43	6	1
MT MILES CITY	MLS	427	114	-111	3050	318	84	12	3
MT MISSOULA	MSO	342	57	-104	3045	103	-120	4	-4
NE GRAND ISLAND	GRI	309	32	-194	2178	-8	-253	0	-10
NE LINCOLN	LNK	287	9	-213	2068	-26	-295	-1	-12
NE NORFOLK	OFK	312	13	-197	2205	-155	-388	-7	-15
NE NORTH PLATTE	LBF	343	62	-164	2474	64	-113	3	-4
NE OMAHA	OMA	300	25	-205	2087	70	-373	3	-15
NE VALENTINE	VTN	310	15	-223	2548	37	-266	1	-9
NV ELY	ELY	358	79	83	2854	116	335	4	13
NV LAS VEGAS	LAS	174	30	48	936	87	270	10	41
NV RENO	RNO	293	61	103	2157	-44	467	-2	28
NV WINNEMUCCA	WMC	334	86	88	2441	97	370	4	18
NH CONCORD	CON	222	-73	-91	2255	-252	-70	-10	-3
NJ ATLANTIC CITY	ACY	112	-101	-124	1279	-279	-234	-18	-15
NM ALBUQUERQUE	ABQ	241	30	35	1752	205	366	13	26
NM ROSWELL	ROW	158	-3	-115	1269	133	225	12	22
NY ALBANY	ALB	195	-86	-116	1962	-288	-268	-13	-12
NY BINGHAMTON	BGM	195	-88	-124	2071	-332	-88	-14	-4
NY BUFFALO	BUF	175	-88	-168	2035	-109	-92	-5	-4
NY NEW YORK	LGA	129	-83	-100	1199	-259	-174	-18	-13
NY ROCHESTER	ROC	188	-75	-117	1868	-250	-164	-12	-8
NY SYRACUSE	SYR	212	-56	-123	2172	29	-89	1	-4
NC ASHEVILLE	AVL	77	-109	-119	1286	-192	-59	-13	-4
NC CAPE HATTERAS	HAT	28	-94	-73	553	-162	-50	-23	-8
NC CHARLOTTE	CLT	44	-120	-140	956	-151	-128	-14	-12
NC GREENSBORO	GSO	52	-128	-157	1111	-171	-198	-13	-15
NC RALEIGH DURHAM	RDU	45	-122	-145	994	-166	-118	-14	-11
NC WILMINGTON	ILM	7	-117	-109	548	-213	-107	-28	-16
ND BISMARCK	BIS	437	79	-141	3177	67	-191	2	-6
ND FARGO	FAR	412	33	-157	3097	-44	-276	-1	-8
ND WILLISTON	ISN	442	81	-155	3515	302	135	9	4
OH AKRON-CANTON	CAK	156	-97	-147	1819	-186	12	-9	1
OH CLEVELAND	CLE	176	-71	-137	1829	-123	-89	-6	-5
OH COLUMBUS	CMH	135	-104	-163	1647	-212	-153	-11	-8
OH CINCINNATI	CVG	121	-106	-179	1444	-268	-278	-16	-16
OH DAYTON	DAY	148	-93	-174	1717	-121	-191	-7	-10
OH TOLEDO	TOL	191	-78	-147	1977	-167	-122	-8	-6
OH YOUNGSTOWN	YNG	167	-92	-133	1880	-248	-116	-12	-6
OK OKLAHOMA CITY	OKC	151	-31	-208	1182	-20	-150	-2	-11
OK TULSA	TUL	142	-43	-205	1088	-107	-123	-9	-10
OR ASTORIA	AST	201	46	-34	2040	119	119	6	6
OR BURNS	4BW	345	75	2	3106	560	307	22	11
OR MEDFORD	MFR	218	22	35	1711	-4	150	0	10
OR PENDLETON	PDT	314	108	-48	2167	256	179	13	9
OR PORTLAND	PDX	217	45	-29	1595	-62	126	-4	9
OR SALEM	SLE	215	42	-18	1823	50	301	3	20
PA ALLENTOWN	ABE	163	-81	-113	1541	-340	-229	-18	-13
PA ERIE	ERI	169	-86	-131	1715	-389	-63	-18	-4
PA HARRISBURG	CXY	162	-68	-105	1460	-258	-327	-15	-18
PA PHILADELPHIA	PHL	133	-82	-107	1347	-191	-135	-12	-9
PA PITTSBURGH	PIT	137	-107	-160	1713	-245	-186	-13	-10
PA SCRANTON	AVP	172	-84	-118	1707	-370	-223	-18	-12
RI PROVIDENCE	PVD	168	-71	-89	1627	-217	38	-12	2
SC CHARLESTON	CHS	7	-104	-105	576	-95	70	-14	14
SC COLUMBIA	CAE	30	-104	-127	776	-93	-82	-11	-10
SC GREENVILLE	GSP	45	-112	-137	926	-150	-241	-14	-21
SD ABERDEEN	ABR	379	28	-181	2867	-20	-260	-1	-8
SD HURON	HON	327	-6	-202	2636	-86	-272	-3	-9
SD RAPID CITY	RAP	332	53	-178	2484	-10	-303	0	-11
SD SIOUX FALLS	FSD	325	-4	-222	2516	-129	-360	-5	-13
TN CHATTANOOGA	CHA	50	-121	-147	1002	-208	-151	-17	-13
TN KNOXVILLE	TYS	66	-107	-128	1058	-177	-168	-14	-14
TN MEMPHIS	MEM	42	-116	-210	788	-254	-209	-24	-21
TN NASHVILLE	BNA	61	-114	-179	1035	-205	-93	-17	-8
TX ABILENE	ABI	110	-26	-189	911	41	48	5	6
TX AMARILLO	AMA	166	-26	-225	1467	36	-33	3	-2
TX AUSTIN	AUS	24	-71	-211	442	-98	-103	-18	-19
TX BROWNSVILLE	BRO	0	-36	-118	108	-49	-48	-31	-31
TX CORPUS CHRISTI	CRP	1	-52	-167	192	-87	-105	-31	-35
TX DEL RIO	DRT	20	-73	-182	446	-60	-56	-12	-11
TX EL PASO	ELP	136	-11	9	991	24	272	2	38
TX FORT WORTH	DFW	81	-40	-211	722	6	-146	1	-17
TX GALVESTON	GLS	1	-61	-130	245	-90	-20	-27	-8
TX HOUSTON	IAH	3	-79	-175	352	-133	-108	-27	-23
TX LUBBOCK	LBB	135	-35	-190	1197	5	73	0	6
TX MIDLAND ODESSA	MAF	99	-38	-170	1014	101	142	11	16
TX SAN ANGELC	SJI	95	-29	-177	855	74	71	9	9
TX SAN ANTONIO	SAT	19	-71	-194	420	-87	-108	-17	-20
TX VICTORIA	VCT	2	-66	-183	261	-114	-126	-30	-33
TX WACO	ACT	53	-61	-203	601	-50	-124	-8	-17
TX WICHITA FALLS	SPS	131	-23	-192	1011	27	-40	3	-4
UT SALT LAKE CITY	SLC	267	17	6	2003	-12	387	-1	24
VT BURLINGTON	BTV	226	-84	-100	2283	-319	-96	-12	-4
VA LYNCHBURG	LYH	67	-127	-152	1117	-310	-264	-22	-19
VA NORFOLK	ORF	51	-107	-108	832	-193	-92	-19	-10
VA RICHMOND	RIC	62	-122	-143	1061	-226	-272	-18	-20
VA ROANOKE	ROA	71	-123	-149	1160	-285	-259	-20	-18
WA QUILLAYUTE	UIL	211	40	-44	2391	118	50	5	2
WA SEATTLE-TACOMA	SEA	223	53	-34	1924	46	103	2	6
WA SPOKANE	GEG	376	120	-52	2828	285	319	11	13
WA WALLA WALLA	ALW	303	105	-46	1993	262	231	15	13
WA YAKIMA	YKM	374	134	35	2661	414	449	18	20
WV BECKLEY	BKW	88	-138	-181	1532	-386	-412	-20	-21
WV CHARLESTON	CRW	74	-130	-171	1212	-359	-192	-23	-14
WV HUNTINGTON	HTS	86	-119	-174	1304	-260	-167	-17	-11
WV PARKERSBURG	PKB	97	-117	-165	1299	-321	-186	-20	-13
WI GREEN BAY	GRB	273	-49	-171	2467	-206	-211	-8	-8
WI LACROSSE	LSE	300	-16	-218	2449	-19	-262	-1	-10
WI MADISON	MSN	259	-51	-192	2394	-147	-239	-6	-9
WI MILWAUKEE	MKE	236	-53	-185	2144	-177	-170	-8	-7
WY CASPER	CPR	314	35	-205	2984	298	180	11	6
WY CHEYENNE	CYS	285	31	-184	2906	352	188	14	7
WY LANDER	LND	340	43	-175	3012	177	58	6	2
WY SHERIDAN	SHR	388	100	-128	3120	345	342	12	12

FAX CHART 136 OCT 73



Weather Data for the Week Ending December 15, 1984

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	69	44	75	33	56	10	0	-1.1	0	1.8	78	45.3	87	90	53	0	0	0	0
MOBILE	74	53	76	41	63	10	0	-1.3	0	2.0	74	53.6	86	93	54	0	0	0	0
MONTGOMERY	74	47	80	37	60	11	0	-1.1	0	4.5	196	53.6	115	91	47	0	0	0	0
AK ANCHORAGE	16	1	20	-5	8	-6	T	-.3	T	.3	42	14.1	96	98	79	0	7	0	0
BARROW	-4	-23	16	-30	-13	0	T	0	T	T	36	3.9	83	88	62	0	7	2	0
FAIRBANKS	-13	-32	10	-37	-22	-13	.1	-.1	.1	.3	71	9.3	92	90	72	0	7	1	0
JUNEAU	30	24	35	9	27	0	T	-1.1	T	T	0	45.0	89	99	79	0	7	0	0
KODIAK	37	26	42	18	31	2	1.6	.2	.7	3.2	113	65.9	93	83	52	0	6	4	1
NOME	11	-8	33	-19	1	-2	.1	-.1	0	.3	106	14.0	97	89	67	0	7	2	0
AZ PHOENIX	61	44	70	36	52	-1	.6	.4	.2	1.5	411	13.4	203	94	56	0	0	4	0
PRESCOTT	41	26	51	14	33	-4	1.2	.9	.5	1.5	205	14.9	83	97	73	0	5	4	0
TUCSON	59	40	69	30	50	-3	1.2	1.0	.8	2.3	511	14.5	136	92	45	0	1	3	1
YUMA	63	48	71	37	56	-1	.2	.2	.2	.8	513	5.5	220	89	49	0	0	1	0
AR FORT SMITH	67	45	73	36	56	15	1.7	1.0	1.5	2.2	146	49.1	127	91	59	0	0	2	1
LITTLE ROCK	68	53	71	44	60	17	1.9	1.0	1.5	2.6	128	56.4	127	89	70	0	0	2	1
CA BAKERSFIELD	59	42	70	32	50	2	.1	0	.1	.3	87	2.5	46	88	47	0	1	2	0
EUREKA	53	41	58	36	47	-1	2.3	1.0	1.0	3.2	109	39.5	111	94	75	0	0	6	3
FRESNO	58	42	67	34	50	5	.8	.4	.5	1.0	136	5.8	60	81	49	0	0	2	1
LOS ANGELES	62	49	67	41	55	-2	.2	-.1	.2	1.1	162	4.7	42	78	41	0	0	2	0
RED BLUFF	56	43	62	38	49	3	1.0	.2	.6	2.0	118	15.4	78	92	56	0	0	3	1
SACRAMENTO	56	44	61	39	50	4	.7	.1	.4	1.2	90	8.8	56	92	59	0	0	3	0
SAN DIEGO	63	52	68	42	57	0	1.1	.8	1.0	1.6	262	5.6	65	84	57	0	0	3	1
SAN FRANCISCO	58	47	60	43	53	3	1.0	.2	.5	1.6	104	13.9	78	88	56	0	0	3	0
CO DENVER	42	20	63	4	31	-2	.4	.2	.2	.4	117	16.4	108	86	51	0	6	4	0
GRAND JUNCTION	38	29	44	23	34	5	.2	.1	.1	.2	81	11.2	145	81	59	0	4	3	0
PUEBLO	46	23	66	10	34	1	.3	.2	.3	.4	253	16.0	150	90	51	0	7	1	0
CT BRIDGEPORT	48	37	53	28	42	8	T	-.8	T	1.5	79	41.6	105	91	71	0	1	1	0
HARTFORD	44	31	60	23	38	8	T	-.9	T	1.4	66	41.4	97	87	62	0	4	2	0
DC WASHINGTON	54	38	64	29	46	7	0	-.8	0	1.0	62	37.8	101	95	63	0	1	0	0
FL APALACHICOLA	70	53	77	39	61	6	T	-.8	T	.3	18	55.7	105	86	63	0	0	1	0
DAYTONA BEACH	74	49	79	31	61	2	0	-.5	0	.1	7	46.7	98	88	47	0	1	0	0
JACKSONVILLE	72	46	77	28	59	4	T	-.6	T	.1	10	48.9	95	97	49	0	1	0	0
KEY WEST	76	65	80	56	70	-1	0	-.4	0	.1	9	39.4	102	74	52	0	0	0	0
MIAMI	77	59	80	48	68	-1	T	-.4	T	.2	27	59.6	105	78	41	0	0	0	0
ORLANDO	74	49	78	33	62	-1	0	-.4	0	.2	17	44.2	94	98	46	0	0	0	0
TALLAHASSEE	73	47	79	30	60	7	0	-1.1	0	1.4	64	56.4	91	95	51	0	1	0	0
TAMPA	75	50	80	34	63	1	T	-.5	T	.1	7	32.3	71	93	44	0	0	1	0
WEST PALM BEACH	76	59	78	46	67	0	0	-.5	0	.1	6	69.0	118	82	46	0	0	0	0
GA ATLANTA	67	45	72	33	56	11	T	-.9	T	3.4	175	55.2	119	89	47	0	0	0	0
AUGUSTA	72	37	79	26	55	7	T	-.7	T	1.2	81	44.2	107	99	47	0	1	0	0
MACON	70	40	76	30	55	6	T	-.9	T	2.0	108	44.0	103	98	51	0	1	0	0
SAVANNAH	71	41	75	30	56	5	T	-.6	T	.1	9	50.4	104	92	45	0	1	1	0
HI HILO	78	64	80	62	71	-1	3.3	.2	1.6	4.0	58	91.0	74	89	59	0	0	6	2
HONOLULU	82	67	83	63	75	1	.1	-.7	.1	.6	33	12.3	56	83	50	0	0	1	0
KAHULUI	84	65	87	60	74	1	.1	-.5	.1	.1	6	8.0	44	81	49	0	0	1	0
LIHUE	79	69	81	64	74	1	.2	-1.0	.1	1.0	39	24.4	59	77	56	0	0	2	0
ID BOISE	34	21	42	12	27	-5	.4	.1	.3	.4	65	12.8	116	88	60	0	7	4	0
LEWISTON	38	28	45	24	33	-2	.3	0	.1	.3	52	10.5	87	89	59	0	6	4	0
POCATELLO	28	9	41	-5	19	-9	.3	0	.2	.3	58	12.9	124	88	67	0	7	5	0
IL CHICAGO	44	30	50	22	37	9	.8	.3	.3	.9	90	31.7	98	99	79	0	6	5	0
MOLINE	46	29	55	23	38	10	1.3	.9	.6	1.6	167	37.5	103	91	72	0	5	5	1
PEORIA	48	32	56	27	40	11	1.0	.6	.8	1.2	113	38.0	112	97	72	0	3	4	1
QUINCY	50	33	58	29	42	11	1.2	.8	1.2	1.3	139	37.5	102	96	77	0	3	2	1
ROCKFORD	43	30	51	23	37	9	1.0	.5	.4	1.2	123	31.3	86	99	78	0	4	5	0
SPRINGFIELD	50	34	58	27	42	10	.8	.3	.7	.9	89	39.6	121	100	86	0	3	4	1
IN EVANSVILLE	60	45	69	25	53	17	.7	-.1	.7	1.4	80	45.1	113	92	73	0	1	3	1
FORT WAYNE	48	35	58	23	41	12	.9	.3	.3	1.3	105	29.5	89	97	85	0	1	5	0
INDIANAPOLIS	52	38	68	25	45	13	1.0	.3	.4	1.6	105	39.4	105	99	85	0	1	4	0
SOUTH BEND	47	34	55	20	40	10	1.1	.4	.5	1.8	122	31.9	87	94	76	0	1	5	1
IA DES MOINES	43	25	56	16	34	7	.9	.7	.5	1.0	170	39.8	131	96	74	0	7	4	0
SIOUX CITY	38	22	49	7	30	6	1.1	.9	.4	1.1	259	33.7	134	87	66	0	5	5	0
WATERLOO	40	18	49	12	29	7	.5	.2	.3	.6	94	32.9	101	93	74	0	7	3	0
KS CONCORDIA	44	27	57	20	36	4	2.5	2.4	1.8	2.5	686	27.7	103	95	69	0	5	3	2
DODGE CITY	45	26	65	18	36	1	2.3	2.2	1.4	2.4	800	18.9	92	91	64	0	6	3	2
GOODLAND	42	25	60	16	33	3	.6	.5	.5	.6	229	21.1	130	87	57	0	6	2	1
TOPEKA	52	33	66	28	42	10	1.3	1.0	.8	1.4	199	37.1	113	91	65	0	3	3	1
WICHITA	50	34	64	30	42	7	3.2	3.0	2.6	3.5	692	27.5	98	95	69	0	5	3	2
KY BOWLING GREEN	64	44	73	25	54	15	T	-1.0	T	.5	25	55.8	119	94	64	0	1	1	0
LEXINGTON	61	47	72	29	54	18	.5	-.4	.2	.8	43	38.3	87	93	69	0	1	3	0
LOUISVILLE	61	45	73	27	53	15	.5	-.3	.1	.9	54	42.9	102	94	69	0	1	5	0
LA ALEXANDRIA	74	56	78	44	65	13	0	-1.1	0	1.4	59	64.2	122	90	59	0	0	0	0
BATON ROUGE	76	54	80	45	65	12	0	-1.2	0	2.3	92	49.7	93	94	54	0	0	0	0
LAKE CHARLES	76	58	77	50	67	12	T	-1.2	T	3.5	142	61.4	121	99	68	0	0	1	0
NEW ORLEANS	75	55	79	43	65	10	0	-1.2	0	1.7	67	51.2	90	95	58	0	0	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather tables published in Vol. 71 #50 dated December 18, 1984 were in error. Tables below are the corrected ones for December 18, 1984.

Weather Data for the Week Ending December 15, 1984

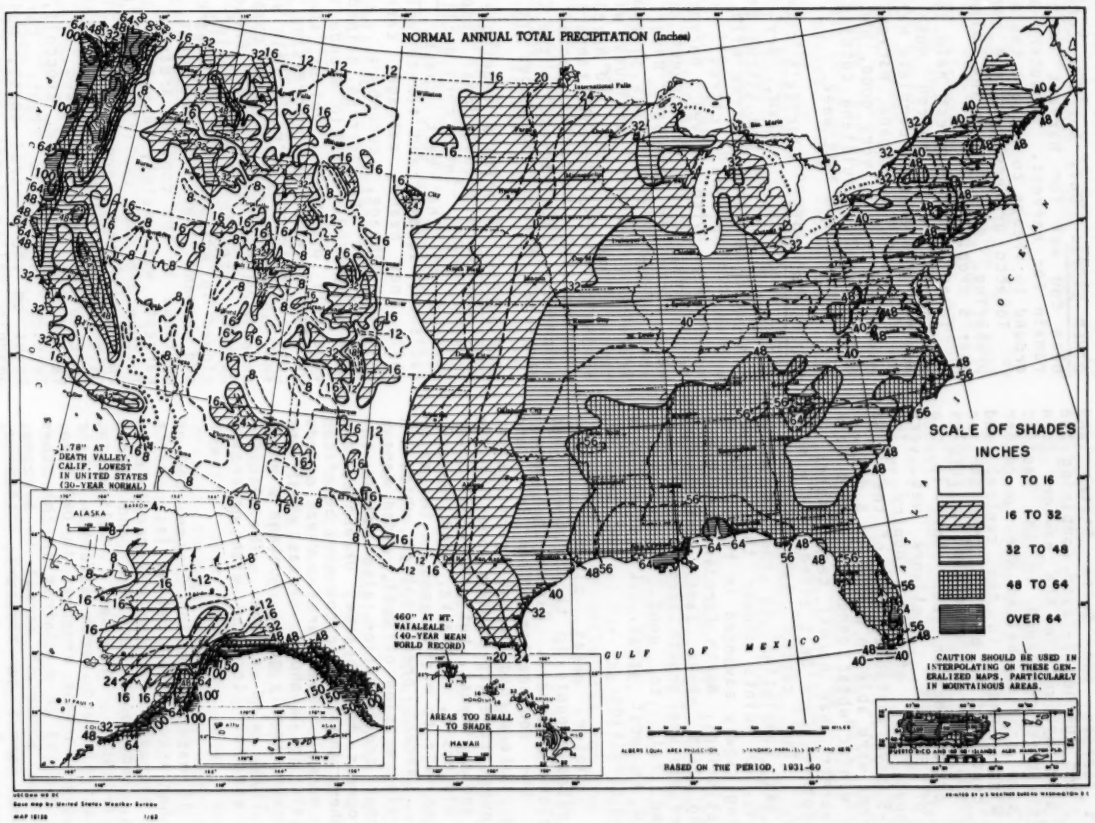
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	SHREVEPORT	75	56	79	42	66	16	1.1	.2	1.1	1.7	88	47.1	112	97	60	0	0	1	1
ME	CARIBOU	29	18	40	7	23	7	.2	-.6	.1	1.6	101	33.7	96	94	70	0	7	3	0
	PORTLAND	41	28	60	19	34	8	.3	-.7	.2	2.3	100	46.9	113	90	61	0	5	2	0
MD	BALTIMORE	55	36	66	25	46	9	T	-.8	T	.9	52	36.0	90	87	58	0	3	0	0
	SALISBURY	57	37	67	22	47	8	.1	-.8	0	1.3	71	41.3	95	99	66	0	2	2	0
MA	BOSTON	48	35	63	27	42	8	.3	-.8	.2	1.5	65	48.7	117	90	60	0	2	2	0
	CHATHAM	48	38	52	31	43	7	.4	-.7	.2	1.7	69	47.8	108	—	—	0	1	3	0
MI	ALPENA	38	27	43	22	33	9	.6	.1	.4	1.0	97	29.2	105	98	81	0	5	2	0
	DETROIT	47	33	57	21	40	11	.5	0	.3	.8	61	24.5	82	91	74	0	2	3	0
	FLINT	44	34	51	26	39	11	.7	.3	.3	1.0	99	27.3	96	95	77	0	1	3	0
	GRAND RAPIDS	44	31	49	23	37	10	1.3	.7	1.0	1.5	117	25.9	78	99	78	0	5	3	1
	HOUGHTON LAKE	36	27	41	21	31	8	.6	.2	.4	.8	87	26.3	97	97	84	0	6	2	0
	LANSING	43	30	49	24	36	9	.7	.2	.4	1.0	86	26.3	92	99	83	0	5	3	0
	MARQUETTE	34	21	43	15	28	9	.5	0	.3	1.5	117	31.2	87	94	76	0	7	5	0
	MUSKEGON	42	31	47	24	37	8	1.4	.8	1.1	2.1	160	27.5	91	94	77	0	4	2	1
	SAULT STE. MARIE	32	22	38	8	27	6	.9	.3	.3	2.7	206	32.5	101	97	76	0	6	6	0
MN	ALEXANDRIA	31	15	42	-1	23	7	.2	0	.2	.2	59	31.3	129	93	64	0	7	1	0
	DULUTH	33	19	41	2	26	11	.2	-.1	.2	.3	47	25.5	88	85	67	0	7	1	0
	INT'L FALLS	26	6	41	-16	16	7	.1	-.2	.1	.1	20	19.7	82	89	65	0	7	1	0
	MINNEAPOLIS	35	21	43	11	28	8	.5	.3	.3	.8	178	35.3	136	83	61	0	7	2	0
	ROCHESTER	34	22	40	15	28	9	.4	.2	.3	.8	178	27.1	97	92	75	0	7	4	0
MS	GREENWOOD	70	51	79	37	61	14	0	-1.3	0	.4	13	50.2	100	96	60	0	0	0	0
	JACKSON	74	51	80	35	63	13	0	-1.2	0	1.5	56	49.0	98	99	54	0	0	0	0
	MERIDIAN	73	48	75	38	60	12	.3	-1.0	.3	2.7	100	52.5	104	99	57	0	0	1	0
MO	CAPE GIRARDEAU	60	44	69	29	52	—	.5	-.4	.5	1.7	86	44.4	104	99	78	0	1	2	0
	COLUMBIA	56	35	66	31	46	12	.7	.2	.7	.8	76	46.4	132	97	66	0	1	1	1
	KANSAS CITY	52	32	65	25	42	9	2.0	1.7	1.3	2.0	275	37.1	107	96	69	0	5	4	2
	SAINT LOUIS	55	38	67	33	47	12	.5	0	.4	.8	66	47.6	145	98	70	0	0	2	0
	SPRINGFIELD	62	41	68	38	51	15	2.0	1.4	2.0	2.3	173	41.1	107	91	60	0	0	2	1
MT	BILLINGS	39	14	56	4	27	-2	.4	.2	.4	.4	121	10.0	69	79	45	0	5	2	0
	GLASGOW	29	8	41	-4	18	0	.1	0	.1	.1	47	6.2	55	90	61	0	7	1	0
	GREAT FALLS	37	13	53	-8	25	-2	.4	.2	.2	.6	170	11.4	77	78	51	0	6	3	0
	HAVRE	38	9	52	-9	24	4	.1	-.1	.1	.1	38	6.3	58	88	47	0	7	1	0
	HELENA	34	12	48	-1	23	-2	.1	0	.1	.1	34	8.9	80	94	55	0	7	2	0
	KALISPELL	33	21	39	8	27	2	.2	-.2	.1	.3	37	15.3	101	88	59	0	7	2	0
	MILES CITY	29	7	40	-5	18	-5	T	-.1	T	.1	33	7.9	57	89	61	0	7	1	0
	MISSOULA	32	21	41	10	27	1	.3	0	.1	.3	57	12.8	101	94	71	0	7	5	0
NE	GRAND ISLAND	41	21	58	11	31	3	1.0	.9	.6	1.0	291	31.3	136	85	55	0	6	4	1
	LINCOLN	42	22	55	15	32	4	2.7	2.6	2.1	2.7	791	35.8	156	94	68	0	6	4	2
	NORFOLK	39	20	53	5	30	5	.9	.7	.3	.9	284	33.5	143	95	66	0	6	5	0
	NORTH PLATTE	39	20	61	15	30	3	.7	.6	.5	.7	277	21.1	109	89	56	0	7	4	0
	OMAHA	41	25	54	14	33	6	3.4	3.2	2.7	3.4	791	36.9	125	90	81	0	5	4	2
	SCOTTSBLUFF	40	14	59	0	27	-1	.3	.2	.2	.3	107	12.7	88	84	52	0	7	2	0
	VALENTINE	40	18	58	5	29	4	T	-.1	T	T	0	19.0	112	79	47	0	7	0	0
NV	ELY	35	16	41	6	26	-1	.1	-.1	.1	.1	31	14.2	165	88	60	0	7	2	0
	LAS VEGAS	53	38	57	29	45	0	.2	.1	.2	.4	273	5.6	140	81	49	0	1	2	0
	RENO	46	24	51	16	35	2	T	-.3	T	.1	10	4.3	62	92	41	0	7	1	0
	WINNEMUCCA	41	22	47	10	31	1	.3	.1	.2	.3	82	12.7	172	86	47	0	7	3	0
NH	CONCORD	41	27	59	18	34	9	.2	-.6	.1	1.4	79	41.0	117	96	75	0	5	2	0
NJ	ATLANTIC CITY	54	35	68	16	45	9	.1	-.8	.1	1.3	74	39.1	97	92	55	0	2	1	0
NM	ALBUQUERQUE	45	29	52	20	37	1	.9	.7	.4	1.0	455	11.9	153	99	61	0	5	4	0
	CLOVIS	49	31	64	22	40	0	.4	.3	.4	.7	217	24.6	146	85	53	0	4	3	0
	ROSWELL	56	33	70	25	44	2	.5	.4	.3	.5	386	17.9	186	78	37	0	4	3	0
NY	ALBANY	43	29	58	22	36	9	T	-.7	T	1.6	105	35.9	105	98	69	0	4	2	0
	BINGHAMTON	43	33	56	28	38	11	.1	-.6	0	.9	63	37.5	106	93	77	0	2	4	0
	BUFFALO	49	33	60	28	41	12	.2	-.6	.1	1.0	56	34.6	97	89	63	0	2	3	0
	NEW YORK	50	40	61	35	45	9	.1	-.8	.1	1.2	67	49.3	120	91	58	0	0	2	0
	ROCHESTER	48	32	57	29	40	10	.2	-.4	.1	1.1	88	31.5	105	90	66	0	3	4	0
	SYRACUSE	44	30	52	25	37	8	.1	-.6	0	1.4	87	34.8	92	98	77	0	6	4	0
NC	ASHEVILLE	64	32	73	22	48	8	0	-.8	0	1.1	65	45.5	99	96	36	0	3	0	0
	CHARLOTTE	64	35	73	26	50	7	.1	-.7	.1	2.3	140	44.8	108	97	51	0	3	1	0
	GREENSBORO	63	35	73	25	49	9	T	-.8	T	1.7	104	50.1	123	93	47	0	3	1	0
	HATTERAS	60	44	66	33	52	3	T	-1.0	T	1.1	51	44.6	83	98	69	0	0	0	0
	NEW BERN	67	38	75	26	53	6	T	-.8	T	1.1	63	59.2	115	90	54	0	1	1	0
	RALEIGH	63	37	71	23	50	8	T	-.7	T	2.2	147	46.1	115	94	52	0	2	1	0
	WILMINGTON	70	41	77	30	56	7	T	-.8	T	1.0	62	57.3	111	89	46	0	1	0	0
ND	BISMARCK	32	8	43	-5	20	3	T	-.1	T	T	15	14.3	95	94	60	0	7	1	0
	FARGO	30	11	47	-6	20	7	T	-.1	T	.1	20	19.3	100	85	57	0	7	1	0
	GRAND FORKS	28	10	40	-5	19	7	T	-.1	T	T	7	19.5	108	81	63	0	7	1	0
	WILLISTON	32	2	47	-13	17	1	.1	-.1	.1	.1	33	10.4	76	91	63	0	7	1	0
OH	AKRON-CANTON	50	35	59	19	42	11	.6	0	.2	1.3	98	34.0	98	93	75	0	1	4	0
	CINCINNATI	56	42	67	25	49	15	.4	-.2	.1	1.1	78	38.7	100	93	77	0	1	4	0
	CLEVELAND	49	35	58	22	42	11	.6	-.1	.2	1.2	85	39.0	114	90	71	0	1	4	0
	COLUMBUS	52	37	63	17	45	12	.9	.4	.4	1.4	113	31.9	89	91	72	0	1	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending December 15, 1984

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE DEC. 1	PCT. NORMAL SINCE DEC. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	52	36	62	20	44	12	1.1	.6	.7	1.8	149	33.7	101	91	75	0	1	5	1
TOLEDO	46	31	56	20	39	10	.8	.2	.4	1.0	79	29.1	95	99	89	0	3	4	0
YOUNGSTOWN	51	34	58	18	43	13	.4	-.2	.2	1.2	90	35.7	99	98	71	0	1	4	0
OK OKLAHOMA CITY	57	38	69	31	48	7	3.6	3.4	1.7	4.2	703	29.8	98	92	65	0	1	3	2
TULSA	61	42	71	37	52	11	3.2	2.8	2.3	3.9	402	43.9	116	89	56	0	0	3	2
OR ASTORIA	47	34	51	30	40	-3	2.1	-.5	.8	2.6	48	64.6	101	92	76	0	4	7	1
BURNS	32	18	37	2	25	-2	.5	.3	.2	.5	116	11.4	154	--	--	0	7	5	0
MEDFORD	41	34	44	28	38	0	1.0	.2	.6	1.3	77	17.8	98	99	81	0	2	5	1
PENDLETON	43	31	50	27	37	1	.5	.1	.3	.5	67	12.5	111	93	62	0	5	5	0
PORTLAND	44	37	51	33	40	-1	1.3	-.2	.4	1.4	45	36.2	106	94	78	0	0	6	0
SALEM	45	35	48	27	40	-1	1.6	0	.6	1.8	52	43.2	117	98	79	0	2	5	1
PA ALLENTOWN	48	34	55	22	41	9	.2	-.6	.2	1.2	62	50.4	119	89	65	0	1	2	0
ERIE	50	34	59	23	42	11	.5	-.3	.2	1.3	76	34.9	92	94	72	0	1	4	0
HARRISBURG	48	38	56	29	43	9	.2	-.5	.2	1.1	69	42.2	113	91	65	0	1	4	0
PHILADELPHIA	52	35	60	26	43	7	.1	-.6	.1	1.4	84	42.8	108	85	57	0	3	3	0
PITTSBURGH	51	34	60	17	43	11	.6	.1	.3	1.3	105	33.6	96	97	74	0	2	4	0
SCRANTON	44	35	53	21	39	9	.1	-.5	0	.8	63	37.2	110	94	68	0	1	2	0
RI PROVIDENCE	46	34	62	28	40	8	.2	-.8	.2	1.6	73	47.1	109	88	61	0	3	2	0
SC CHARLESTON	69	41	73	30	55	5	T	-.7	T	.6	41	46.1	92	99	51	0	1	0	0
COLUMBIA	70	34	77	22	52	5	T	-.8	T	1.7	111	44.5	94	98	48	0	2	0	0
FLORENCE	68	37	74	25	52	5	0	-.7	0	.9	66	39.8	94	93	44	0	1	0	0
GREENVILLE	64	38	71	26	51	7	T	-.9	T	2.1	114	58.2	120	94	52	0	1	0	0
SD ABERDEEN	35	17	51	2	26	8	T	-.1	T	.2	73	21.0	119	86	62	0	7	0	0
HURON	35	21	44	9	28	8	.1	0	.1	.5	150	29.6	160	85	59	0	7	1	0
RAPID CITY	44	19	64	10	31	5	T	-.1	T	.1	32	15.0	93	75	38	0	7	2	0
SIOUX FALLS	40	18	57	5	29	8	.7	.5	.5	.8	197	28.5	120	92	54	0	7	2	1
TN CHATTANOOGA	64	37	73	24	51	9	T	-1.2	T	.9	37	46.8	93	93	57	0	1	0	0
KNOXVILLE	63	35	70	20	49	7	T	-1.0	T	.7	34	46.8	104	99	57	0	3	1	0
MEMPHIS	70	51	77	37	61	17	T	-1.1	T	.7	28	53.4	108	94	63	0	0	1	0
NASHVILLE	67	46	76	29	56	15	T	-1.1	T	.5	22	54.7	118	88	54	0	1	0	0
TX ABILENE	63	43	75	32	53	6	1.1	.8	.7	1.1	249	20.4	89	78	50	0	1	3	1
AMARILLO	51	30	67	22	41	2	.6	.5	.4	.7	300	18.8	100	80	48	0	4	3	0
AUSTIN	74	54	77	50	64	11	1.5	1.0	1.2	1.8	175	24.9	81	97	60	0	0	3	1
BEAUMONT	75	62	76	50	69	13	T	-1.1	T	.9	41	58.2	115	99	74	0	0	0	0
BROWNSVILLE	82	65	83	54	73	11	.1	-.2	.1	1.3	212	39.7	159	98	63	0	0	1	0
CORPUS CHRISTI	80	61	82	50	71	11	0	-.3	0	.3	40	21.0	71	100	63	0	0	0	0
DEL RIO	68	48	75	42	58	5	.8	.6	.4	.8	263	13.6	80	95	58	0	0	3	0
EL PASO	54	37	66	31	45	1	.8	.7	.4	1.0	588	16.6	218	92	49	0	3	3	0
FORT WORTH	69	48	74	42	58	10	1.7	1.3	.7	2.3	270	29.2	102	95	59	0	0	3	2
GALVESTON	70	61	71	55	65	8	T	-.8	T	2.2	123	35.0	91	95	79	0	0	1	0
HOUSTON	77	60	81	49	69	14	T	-.8	T	.7	38	46.0	107	90	55	0	0	1	0
LUBBOCK	57	35	71	26	46	4	.8	.7	.7	.8	400	14.2	81	91	53	0	4	3	1
MIDLAND	60	39	72	30	50	3	.5	.3	.4	.5	164	16.1	118	86	47	0	2	2	0
SAN ANGELO	65	43	75	34	54	6	.6	.5	.5	.7	223	16.2	91	95	52	0	0	3	1
SAN ANTONIO	75	54	77	46	64	11	.9	.6	.6	1.3	179	23.8	84	95	58	0	0	3	1
VICTORIA	79	61	80	52	70	13	T	-.5	T	.8	77	30.8	86	96	64	0	0	1	0
WACO	71	47	76	34	59	9	1.8	1.4	.9	2.2	228	31.5	105	93	58	0	0	3	2
WICHITA FALLS	59	42	71	35	50	6	1.9	1.6	1.0	2.3	378	22.5	86	91	60	0	0	3	2
UT BLANDING	39	28	48	24	33	4	.9	.6	.4	.9	158	9.8	90	99	86	0	6	5	0
CEDAR CITY	40	24	49	11	32	1	.1	0	.1	.1	31	12.0	121	94	59	0	6	2	0
SALT LAKE CITY	38	24	46	18	31	1	.2	-.1	.2	.5	75	21.3	146	87	64	0	6	3	0
VT BURLINGTON	38	27	48	18	33	9	.3	-.3	.2	1.8	142	34.9	107	87	66	0	5	2	0
VA NORFOLK	61	38	70	25	49	5	.1	-.6	.1	2.2	146	44.8	103	90	56	0	1	1	0
RICHMOND	62	36	73	24	49	8	T	-.8	T	1.2	72	45.8	108	97	52	0	3	0	0
ROANOKE	62	37	75	27	50	11	T	-.7	T	.6	41	42.4	112	89	53	0	2	1	0
WA COLVILLE	31	24	38	18	28	0	.5	0	.3	1.2	98	25.1	155	96	94	0	7	4	0
QUILLAYUTE	45	34	50	30	39	-2	6.6	2.9	3.3	9.4	119	107.8	112	100	85	0	3	7	4
SEATTLE-TACOMA	42	35	48	33	38	-3	1.1	-.3	.4	2.7	91	34.6	97	96	76	0	0	7	0
SPOKANE	33	21	39	16	27	-2	1.2	.6	.5	1.3	104	17.3	111	98	86	0	7	5	0
YAKIMA	33	11	45	6	22	-10	.3	.1	.3	.3	57	8.8	121	95	65	0	7	4	0
WV BECKLEY	60	42	69	27	51	17	.3	-.4	.3	.8	56	38.8	96	86	52	0	1	1	0
CHARLESTON	62	40	72	25	51	13	.4	-.3	.4	1.1	70	38.3	94	94	55	0	2	2	0
HUNTINGTON	61	42	69	24	52	14	.6	-.1	.6	1.2	77	37.5	96	98	59	0	1	1	1
PARKERSBURG	57	40	65	22	48	13	1.0	.4	.9	1.5	119	31.5	79	97	62	0	1	3	1
WI GREEN BAY	37	26	41	18	31	10	.4	.1	.3	.6	83	35.5	129	94	80	0	6	4	0
LA CROSSE	36	22	42	14	29	6	.2	0	.2	.7	126	31.3	105	92	75	0	7	2	0
MADISON	41	28	45	20	34	11	.5	.2	.4	.8	106	31.8	105	96	80	0	6	4	0
MILWAUKEE	41	30	46	23	36	10	1.2	.7	.5	1.4	137	37.5	126	96	76	0	5	5	1
WAUSAU	35	22	40	8	28	9	.3	0	.2	1.0	142	39.4	127	94	75	0	7	3	0
WY CASPER	33	13	42	-2	23	-3	.2	.1	.2	.4	117	13.0	116	87	58	0	6	2	0
CHEYENNE	37	14	55	-4	26	-4	.2	.2	.2	.2	120	17.4	132	94	56	0	7	3	0
LANDER	32	11	45	2	22	-2	T	-.1	T	T	13	12.9	99	80	47	0	7	2	0
SHERIDAN	34	6	51	-8	20	-6	T	-.1	T	T	3	13.6	93	88	45	0	7	1	0
PR SAN JUAN	83	71	84	70	77	-1	1.2	.1	1.1	2.1	88	42.2	81	82	59	0	0	3	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS


NORMAL ANNUAL TOTAL PRECIPITATION (Inches)
SCALE OF SHADES
INCHES
0 TO 16
16 TO 32
32 TO 48
48 TO 64
OVER 64
1.78" AT DEATH VALLEY, CALIF. LOWEST IN UNITED STATES (20-YEAR NORMAL)
460" AT MT. WAIALEALE (40-YEAR MEAN WORLD RECORD)
AREAS TOO SMALL TO SHADE
HAWAII
ALASKA
GULF OF MEXICO
CAUTION SHOULD BE USED IN INTERPOLATING ON THESE GENERALIZED MAPS, PARTICULARLY IN MOUNTAINOUS AREAS.
BASED ON THE PERIOD, 1931-60

NATIONAL AGRICULTURAL SUMMARY

December 17 to 23

HIGHLIGHTS: Warmer than normal temperatures continued the germination and growth of late planted wheat as far north as the southeastern Corn Belt, and stimulated pasture growth across the South. Wet weather almost halted the cotton and soybean harvest across the Delta States and northeast Texas, and further delayed combining the remaining corn and soybeans in the eastern Corn Belt. Farm activities continued in the Pacific Northwest with some pruning halted due to colder temperatures. Winter wheat in the central and southern Plains continued to benefit from earlier moisture. Soil moisture was adequate to surplus throughout most of the Nation, but short in the northern part of Florida. Fieldwork was very limited throughout most of the country. The Southeast had 2-5 days suitable; much of the Delta States and Oklahoma were able to work 4 or 5 days.

Most of the winter wheat generally rated fair to good. The warmer than normal temperatures in the South and southern Corn Belt aided late winter wheat seedings. The cotton harvest slowly progressed to 84% completion in the 14 major producing States, 10 points slower than normal. Soybean harvesting slowly advanced in the remaining States, with Mississippi, North Carolina and South Carolina showing 3-6% above last week. Warm weather continued pasture growth across the South; conditions rated fair to good. Supplemental feeding occurred in most areas. Livestock were generally in good condition.

SMALL GRAINS: Winter wheat planting still continued in limited amounts in the Southeast but were nearly complete elsewhere. Warmer than normal temperatures in the southeastern Corn Belt and southward aided late-seeded wheat germination. Adequate snow cover protected winter wheat in the northern Plains and northwest, but additional cover is needed in Wisconsin, Nebraska, and Oregon. Wheat stands rated fair to mostly good in the major producing areas. Recent precipitation which is helping prevent wind erosion of soil, aided Kansas wheat. The recent precipitation also helped the small grains progress in Nebraska, Oklahoma, and Texas. The Oklahoma and Texas crops also benefited from warmer than normal temperatures. Wheat stands rated good to fair in Oklahoma. Texas wheat was 99% emerged and rated mostly good. Montana's wheat was fair with light wind damage. The Pacific Northwest wheat was fair to good with generally good snow cover.

COTTON: In the 14 major producing States, 84% of the acreage was harvested, well behind last year's 97% and the 94% average. Picking was complete in Alabama, Georgia, and South Carolina, and nearly complete in Arizona, Arkansas, California, Louisiana, Mississippi, and North Carolina. Fair weather allowed good harvest progress in Oklahoma, but weather held picking to a minimum in the other States. Harvest was ahead of normal in Arizona, but lagged behind normal in Missouri, Oklahoma, Tennessee, and Texas. Texas' quality and grade are deteriorating, and harvest will continue into next year because picking is 20 points behind normal.

SOYBEANS: Combining continued in many of the 18 major producing States, but on a very limited scale. Wet weather slowed and sometimes halted harvest in the remaining fields. Arkansas harvest advanced 1 point to 97% compared with the 99% norm. Louisiana completed their harvest on time. Mississippi increased the harvest 3 points to 94%, 4 points behind normal. North Carolina, with good weather, showed a 5 point jump to 96%, keeping them ahead of normal. South Carolina increased 6 points to 98%. Arkansas, Illinois, Indiana, Kentucky, Missouri, and Tennessee had wet weather and made little or no progress in their soybeans harvest.

OTHER CROPS: Only the few corn fields that have been too wet for harvest in the last few weeks remain for harvest. Producers are waiting for the ground to freeze to support the heavy equipment.

Tobacco growers continue marketing, stripping, preparing, and fumigating plant beds for next year's crop.

Texas peanut harvest held to a minimum because wet conditions hampered most fieldwork. Open weather is needed to complete harvesting activities.

Florida's sugarcane harvest is very active, conditions remain very good, and sucrose content is above normal. Louisiana cutting was 99% finished, up 5 points from last week.

FRUITS AND NUTS: Florida's citrus groves were in good condition. Warm, dry weather prevailed throughout most of the Citrus Belt, and some were irrigated to ward-off tree wilt. Fruit harvest is active. Arizona citrus harvest continued moderately with Navel harvest winding down. Tangerines, grapefruit, sweet oranges, and lemons were picked in the Salt River Valley. There is some avocados and citrus droppage in California. Grapefruit harvest continues with good quality, lemon volume increased, and Navel orange harvest is 15-35% complete, Minneola tangerines have good size and quality. Mandarins packed and limited Kiwi shipments. Date harvest in the Coachella Valley is complete. Almonds and grapes are being pruned.

VEGETABLES: Florida's vegetable harvest actively continued with almost ideal temperatures and very light rainfall. Sweet corn declined as the harvest shifted to the east coast. Celery, peppers, radishes, squash, and tomato volumes held steady, while snap beans, cabbage, carrots, cauliflower, Chinese cabbage, cucumbers, eggplant, escrole, lettuce, and strawberries gained in volume. The mild weather in the Rio Grande Valley aided Texas vegetable progress. Onions showed good growth. Cabbage harvest is progressing well and nearing completion in some areas. Fair weather also helped the cabbage harvest to near completion in the San Antonio-Winter Garden area. Broccoli, cabbage, and carrots are in light supply. Lettuce packing slowed in Arizona, with the market slightly lower and demand light in the west. Light shipments continue in the central areas. In the Yuma area, harvest was mainly Romaine, leaf, and Boston lettuce and some cauliflower and broccoli. Cabbage and cauliflower were harvested in Aguila and the Salt River Valley areas, while other mixed vegetables were harvested in the Salt River Valley. In California, broccoli, cauliflower, and lettuce harvest is light. Carrot harvest very light on the central coast, moderate in the San Joaquin Valley, and increasing in the desert. Celery harvest is active on the southern coast while declining on the central coast. Producers are cutting asparagus fern and planting peas for processing. Market tomato harvest is in the final stages on the southern coast. Fall potato movement from storage was active.

PASTURE AND LIVESTOCK: The South's warm weather encouraged grass growth, pastures rated fair to good. Small grains continued providing grazing across much of the southern Plains, but supplemental feeding is still increasing. Livestock rated good across the Nation.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Temperatures were 15 to 20° above normal. Rainfall 0 .04 to 1.33 in.

Cotton harvested 100%, 100% 1983, 100 average.

ARIZONA: Very slow moving upper level low pressure system brought precipitation to most areas. Snow level reached down to 4,000 ft. in northwest, higher elsewhere. Snowfall amounts mostly between 1.00 and 6.00 in. except around 15 in. over north rim of Grand Canyon. Weekly moisture amounts between 0.10 and 0.60 in. except locally over 1.00 in. high elevations. Average temperatures varied from 8° below normal in northwest to 4° above in southeast.

Cotton 99% picked, 100% last year, 93% average. About 95% of expected production harvested. Stalk shredding, plowdown advanced as weather, soil conditions premitted. Wheat, barley seedbed preparation, seeding made good progress; 40-45% seeded. This progress behind last year's over 50% seeded. Rains, wet soils slowed or delayed seedings. Plants emerging; some stands established. Alfalfa stands good condition. Recent rains caused some weed problems in newly established stands. Lettuce packing slowed in west with market slightly lower, demand light. Light shipments continued in central areas. Romaine, leaf, Boston lettuce, some cauliflower, broccoli harvested Yuma area. Cabbage, cauliflower harvested in Aguila, Salt River Valley areas. Other mixed vegetables harvested in volume in Salt River Valley. Citrus harvest continued at moderate levels. Tangerines, grapefruit, sweets, lemons picked in the Salt River Valley. Navels winding down. Lemons picked in Yuma as prorate levels allowed.

ARKANSAS: Continued unseasonally warm. Temperatures 5 to 15° above normal. High 78°, low 23°. Rain abundant over most of the State. Most precipitation 4.46 in., least 0.01 in. Soil moisture surplus.

Remaining cotton poor condition; harvested 99%, 100% 1983 and average. Soybean condition fair; harvest 97%, 99% 1983 and average. Wheat fair condition; planting finished, same as 1983 and average. Pastures average; but still growing. Livestock good condition.

CALIFORNIA: All of State reported well below normal temperatures and copious amounts of precipitation. The highest reading of the week was 67° and 5° below at Tulelake was the coldest. Greatest precipitation was reported on the central and south coast, where 2.00 to 3.00 in. were common with 3.36 in. at Lancaster the highest. It was cold as well, with most stations reporting near freezing temperatures and below. At this time, precipitation is well above normal.

Wet weather conditions slowed fieldwork throughout State. Cotton harvest virtually complete 99%, 99% last year, 99% average. Compliance with cotton plowdown still incomplete. Small grain activity at standstill. Some spraying for weeds. Alfalfa fields being sheeped-off. Some late sorghum harvest still underway. Some cultural activities delayed because of adverse weather. Some fruit droppage for avocados and citrus. Almond pruning started. Coachella Valley date harvest complete. Pruning grapes, limited kiwi shipments. Grapefruit harvest continues with good quality. Lemon harvest increased volume. Navel orange harvest 15 to 35% complete. Minneola tangarines have good size and quality. Mandarins packed. Cutting asparagus fern. Broccoli harvest fairly light, some diversion to freezers. Carrot harvest very light central coast, moderate San Joaquin Valley, increasing desert. Cauliflower fairly light supply. Celery harvest active south coast, declining central coast. Lettuce yields in desert lighter than normal. Planting peas for processing. Fall potato movement from storage active. Light harvest southern California. Market tomato harvest final stages south coast. Ranges, pastures continue good growth with wet weather. Livestock good condition. Sheep grazing alfalfa fields.

COLORADO: Periods of snow, heavy at times across the mountains and western portions from the 15th through the 18th and again on the 20th. Only scattered light precipitation was reported in the east. Temperatures averaged 5° above normal for the entire week.

Major farm activities for the week included feeding and caring for livestock, planning for next years crops, and preparing for the holiday season.

FLORIDA: Warm and dry with little or no rains statewide. Temperatures averaging around 10° above normal in the north and 5° above normal in the south.

Soil moisture is short central, north, Panhandle, adequate southern counties. Soybean harvest is virtually complete. Cotton harvest is nearing completion. Harvest of sugarcane is very active. Crop condition remains very good. Sucrose content is above normal. Planting wheat and other small grains is nearing completion. Small grain condition improved. Pasture remains fair to good condition. Small grain for grazing need moisture. Cattle good condition in south, fair condition north and west. Supplemental feeding most areas. Warm, dry conditions prevail throughout most of the cirtrus belt. Some irrigation to ward-off tree wilt. Fruit harvest active. Weather in vegetable farming area was near ideal during week. Daytime highs were in the 80's. Nighttime lows were in the 50's to 60's. Rainfall was very light. Harvest most crops continue at an active pace. Crops gaining were snap beans, cabbage, carrots, cauliflower, Chinese cabbage, cucumbers, eggplant, escarole, lettuce and strawberries. Harvest continues steady for celery, peppers, radishes, squash, tomatoes. Supplies of sweet corn declined as harvest shifts from the Everglades to the east coast. Crop condition most growing crops is good as a result of favorable weather.

GEORGIA: Mostly dry across Georgia except for some light rain during weekend. Total rainfall at most locations less than 0.23 in. with many receiving none. Temperatures during week quite warm for season. Average temperatures during week 11 to 17° above normal at all stations.

Soil moisture about same as last week. Main

activities harvesting pecans, soybeans, cotton, planting small grains. Cotton 100% harvested this year and average 98% last year. Tobacco bed preparation and care continues active.

HAWAII: Cool Temperatures and gusty tradewinds characterized weather this past week. Skies were generally overcast with light to moderate rainfall in windward and elevated areas.

Some leaf shredding of bananas and minor damage to vine crops were reported from exposed areas. Banana supplies will continue at last weeks level as harvesting of the Cavendish variety continues active. Papaya production should stabilize at the recent seasonal low.

IDAHO: A high pressure system centered over the State brought extremely cold temperatures and light precipitation. All reporting stations were well below normal with some sites as much as 22° below normal. Below zero readings were common throughout the State. Precipitation in the form of snow was generally light with most areas recording slightly below normal amounts.

Bitter cold temperatures kept farm activity to a minimum. Major activities were milking cows, feeding livestock and general maintenance. Despite cold weather, livestock remained in good condition with adequate feed supplies available. A protective cover of snow was reported in most winter wheat areas.

ILLINOIS: Temperatures normal to 8° above normal. Precipitation 0.10 to 2.50 in., harviest south.

Farmers preparing for next year.

INDIANA: Average temperatures 6 to 9° above normal north and 9 to 11° above south. Cold moved in 24th. Precipitation widespread. Total 0.50 to 1.00 in. north; 1.00 to 2.00 in. south with some areas over 3.00 in.

Soil temperatures above normal. Wet soils limiting field activity. Farmers waiting for soils to freeze to finish harvest. Activities: Preparing tobacco for market, making plans for 1985, cutting wood, attending meetings, caring for livestock and usual chores. Pasture forage ample.

IOWA: Temperatures for the week averaged near normal in the north to 5° above normal in the southeast. Precipitation was very light over the northwest quarter, near normal in the southeast third, with above normal amounts of 0.40 to 0.90 in. in a band stretching through southwest, central, and northeast Iowa.

Farming activities limited to caring for livestock and checking on stored grain. Livestock in generally good condition.

KANSAS: Precipitation averaged 0.75 to 1.50 in. central and east to generally less than 0.25 in. extreme west. Temperatures averaged 25 to 29° northwest, 38° southeast and 32 to 35° elsewhere.

Farmers caring for livestock which are on winter rations. Precipitation favorable for fall sown grains and helps prevent wind erosion of soil.

KENTUCKY: Heavy rains caused localized flooding across lower Ohio Valley. Rain totals of 3.00 to 5.00 in. were common with heaviest rain on 20th and 21st. Temperatures averaged well above normal with high readings near 70°. Somewhat cooler weather replaced near record warmth but temperatures generally stayed above freezing. Low readings were in 20's on morning of 23rd.

Very little field activity. A hard freeze needed to firm remaining soybean fields. Wet conditions causing some deterioration of beans. Burley markets closed until January 7. Moderate temperatures have limited need for supplemental feed but yards and low-lying pastures muddy.

LOUISIANA: Rainfall amounts ranged from 0.01 to 0.54 in. Temperatures averaged from 12 to 19° above normal. High 80, low 38°.

Soil moisture adequate to surplus except southeast where adequate. Days suitable for fieldwork: 5.0. Activities included harvesting sugarcane, cotton, soybeans, and pecans; planting winter wheat; and repairing farm equipment. Cotton harvested 97% 1984, 100% 1983, 99% average. Soybeans harvested 100% 1984, 100% 1983, 99% average. Winter wheat planting 99% 1984, 100% 1983, 98% average; emerged 97% 1984, 100% 1983, 96% average; condition fair to good. Sugarcane harvested 99% 1984. Pecans harvested 90% 1984, 99% 1983, 98% average. Vegetable condition fair. Pasture condition fair. Livestock condition fair to good.

MARYLAND AND DELAWARE: MARYLAND: Weather for the week was warm and dry. Temperatures averaged 13 to 14° above normal except in western Maryland where temperatures were 17 to 19° above normal. High temperatures were in the mid 60's to low 70's. Low temperatures were near freezing in west and central areas and near 40° elsewhere. Precipitation was light except at Oakland where 1.94 in. fell. North central Maryland averaged 0.40 in. of rain and southern Maryland and the Eastern Shore averaged under 0.15 in.

Farmers continue to strip tobacco.

Delaware: The weather for the week was warm with scattered showers. Temperatures averaged 10 to 12° above normal. High temperatures were in the mid 60's north to low 70's south. Precipitation ranged from 0.47 in. at Wilmington to 0.02 in. at Georgetown.

Farmers were busy planning for next year.

MICHIGAN: Temperatures across the State averaged 6° above normal. Precipitation light to moderate. Highs ranged from 27 to 60°. Lows ranged from -3 to 22°.

Farm activities limited to caring for livestock and making final preparations for winter.

MINNESOTA: A week of below normal temperatures. Temperatures averaged 2 to 8° below normal. High 54°, low 26°. Precipitation averaged near normal. Greatest weekly total 0.87 in.

Crop progress for the week: Soybeans harvested 100%, 1983 100%, normal 100%.

MISSISSIPPI: Warm weather continued in the State with temperatures averaging 16° above normal. Extremes were 29 and 80°. Greatest daily rainfall 2.27 in. on 20th.

Soil moisture surplus to adequate. Fieldwork: 4.0 days suitable, 1.3 1983, 2.0 average. Cotton 97% harvested, 100% 1983, and average. Soybeans 94% harvested, 97% 1983, 98% average. Pecans 92% harvested, 85% 1983, 93% average. Wheat in fair to good condition; 90% planted, 98% 1983, 100% average. Pastures and livestock in fair to good condition. Feed grains in adequate supply. Hay and roughage in adequate supply.

MISSOURI: Temperatures were above normal by 5 to 7° for the second consecutive week. Precipitation: 0.50 to 0.75 in. fell across the north and central sections.

Cotton harvest 95% completed, 100% last year, 100% normal. No harvest activity as rains dropped 3-5 in. across southern section State. Livestock in good condition as mild temperatures continue.

MONTANA: Quite cold as temperatures averaged from 9 to 18° below normal statewide. Subzero temperatures over nearly all the State with Havre reporting 34° below zero, one of the coldest temperatures. Precipitation mostly light, around 0.10 in. over most areas, but in west and southwest some areas received from 0.50 to 2.00 in.

Winter wheat condition mostly fair, snow cover fair and wind damage light. Cattle on supplemental feed 90%, sheep 95%. Livestock condition good, grazing difficult, stockwater supply adequate.

NEBRASKA: Precipitation ranged from 1.00 in. south to traces remainder of State. Temperatures averaged 5° below normal across State, except southeast corner was normal.

Recent moisture will be beneficial to winter crops. Snow cover is needed for protection of winter crops.

NEVADA: Winter weather right on time. A storm early in week brought moderate amounts rain and snow all areas. Unusual amounts snow fell south central. Temperatures dropped after storm to subzero levels, especially north and central sections. Another storm midweek dumped unusual amounts snow to southern areas. Temperatures for week averaged much below normal. Extremes: 52 and 24° below zero.

Inclement weather made livestock feeding operations difficult. Some chopping ice required.

NEW ENGLAND: Early winter continued mild, with temperatures running about 10° above normal for the week, but it did cool enough to get mainly snow across the north, and mixed snow and rain across southern areas on the 21st and 22nd. Total precipitation averaged between 0.80 to 1.50 in. Greatest amounts fell across southern New Hampshire, southeastern Vermont, and much of Massachusetts.

Greenhouse operations were busy filling holiday orders.

NEW JERSEY: Temperatures were much above normal, averaging 3° north, 4° south and 4° coastal. Extremes were 18 and 72°. Precipitation this period was above normal north and below normal south and coastal, averaging 1.15 in. north, 0.55 in. south and 0.37 in. coastal. The heaviest 24-hour total reported was 1.02 in. on the 21st to 22nd.

Fieldwork: Farmers tending to livestock and other normal winter chores. Small grains continue in good condition with excellent weather.

NEW MEXICO: Average temperatures for week little above normal most locations, lower for middle Rio Grande Valley. Maximum temperature: 69° southeastern plains. Minimum temperature: -6° central valley and highlands. Pacific storm crossed State midweek leaving light precipitation. Precipitation totals between none and 1.09 in.

Soil moisture supplies adequate to surplus. Cotton poor to good; harvest slowed by soil moisture. Barley fair to excellent. Irrigated wheat fair to excellent, mostly good. Dryland wheat fair to good. Pecans fair to excellent; harvest neared completion. Cattle fair to good; some supplemental feeding due to snow. Sheep fair to excellent. Range fair to excellent. Cotton harvested 90%, last year 90%, average 93%.

NEW YORK: A series of storms moved across the eastern half of North America this week. Most of them went north of New York State. The south wind from one storm that moved through eastern Canada the 17th, brought record breaking warmth to New York State. Generally, it was a mild week and very dry. The most significant storm was late on the 21st, when there was combinations of snow, sleet, freezing rain and rain. Most of the snow fell in the north and the rain in the south.

Routine winter feeding and farm chores prevailed during the week. The warm weather also premitted additional time for chores, maintenance and clean up.

NORTH CAROLINA: Temperatures averaged 1 to 1° above normal across the State. Precipitation ranged from none to 0.59 in. with most areas receiving some moisture.

Soil moisture: 13% short, 84% adequate, 3% surplus. Days suitable for fieldwork: 5.3. Condition: Pasture 11% poor, 37% fair, 52% good. Wheat 24% fair, 76% good. Oats 17% fair, 83% good. Barley 3% poor, 23% fair, 74% good. Rye 23% fair, 75% good, 2% excellent. Harvest: Soybeans 96%, 1983 89%, average 91%. Cotton 98%, 1983 100%, average 98%. Farm feed supplies: Hay and roughage 92% adequate, 8% surplus. Feed grains 3% short, 89% adequate, 8% surplus. Major farm activities: Harvesting soybeans, fall plowing, cutting firewood, tending livestock, preparing and gassing tobacco plant beds, picking cotton, general farm and machinery maintenance.

NORTH DAKOTA: Bitter cold temperatures and strong winds highlighted the past week's weather. Two major storm systems affected the State during this period. The first one brought significant precipitation amounts to State at beginning of week. Larger amounts fell in east where 0.50 to 1.00 in. of precipitation were common. This precipitation fell as a mixture of rain and snow. Second system moved across State the 21st causing wind gusts of 50 mph and higher, with considerable blowing and drifting snow but little or no precipitation. Temperatures for week averaged 5 to 14° below normal. Temperature extremes ranged from high of 37 on 16th to -29° on the 18th.

Two winter storms have been hard on livestock. Icy roads in eastern half of State have hindered any movements of grain and livestock. Snow cover on winter wheat has improved for most part.

OHIO: Temperatures averaged 9 to 14° above normal. Precipitation widespread and variable. Totals 0.50 to 0.75 in. central and north, over 1.00 in. south.

Four inch bare soil temperatures still warm, readings mid- to upper 30's. Fieldwork limited due to wet conditions.

OKLAHOMA: Temperatures averaged normal Panhandle to 9° above normal southwest. Weekly precipitation averaged 0.04 in. Panhandle to 2.13 in. southeast.

Above normal temperatures during week promoted wheat growth. Sufficient soil moisture to last until February. Wheat pasture very short southwest. Cotton harvest made good progress.

Supplemental feeding remains active. Wheat good to fair, cotton and livestock generally fair condition. Cotton harvested: 85%; 95% 1983; 95% average.

OREGON: Average precipitation of 1.90 in. fell at coast, while remaining areas west of Cascades received less than 0.50 in. East of Cascades had less than 0.35 in. of precipitation with snow in extreme southern and eastern areas. Temperatures were 5° below normal along coast. The Willamette Valley, central and eastern areas were 10 to 15° below normal.

Soil moisture adequate to surplus. Most parts of the State had frozen ground at least one day during the week. In the Willamette Valley, seeding of winter wheat taking place with drier soils. Earlier planted fields look fair with erratic emergance. Grain being sprayed. In eastern areas, snow cover protects the crop except on some east slopes that have been exposed by wind. Leaf curl control going on peaches. Pruning and lime application in Hood River pear orchards. A few late season filberts being harvested; quality poor. Some potatoes not dug in central and western areas. Livestock in good to excellent condition; on winter feeding schedule. No pasture growth even in west.

PENNSYLVANIA: The week was rather warm across the State. The week's average temperature was 12° above the normal of 29°. Liquid freezing and frozen precipitation occurred the 19th and 21st. Amounts ranged from 0.60 to just over 2.00 in. Average precipitation was 1.01 in. Normal is 0.32 in.

Farming activities included hauling manure, taking down temporary electric fencing, and some farm building repair. Virtually all fieldwork completed for the season and equipment stored for the winter.

PUERTO RICO: Island average rainfall 0.79 in. or 0.21 in. below normal. Highest weekly total 3.33 in. Highest 24-hour total 1.67 in. Temperature averaged 75 to 74° on coasts and 68° interior divisions. Mean station temperature ranged from 77.4 to 58.4°. Extremes: 89 and 48°.

SOUTH CAROLINA: Unseasonably warm weather with daily temperatures 10 to 20° above normal, slightly cooler over weekend. Week was mostly rainless eastern portion, light rain in western and northern areas late in week. Rainfall amounts were very light.

Soybean harvest nearing completion. Cotton harvest complete. With temperatures above normal, winter grazing and small grain crops remain in good condition. Routine chores and equipment maintenance were main activities.

SOUTH DAKOTA: Average temperatures ranged from 1 to 14° below normal. Extremes: 60 and -21°. Precipitation was widespread. Yearly precipitation totals remain above normal over most of the State. Snow cover ranged from 1.00 in. in the southeast to 8.00 in. in the northwest.

Major agricultural activities include feeding livestock, moving hay and cleaning yards.

TENNESSEE: Several fronts crossed the State during the week resulting in above normal temperatures and moderate rainfall. Precipitation amounts ranged from 0.50 in. in the east to over 3.00 in. in the west.

Major farm activities continued to include general farm chores and very limited harvesting of soybeans and cotton. Pastures and livestock remain in good condition.

TEXAS: Unseasonably warm temperatures, heavy rains some parts State. Temperatures above normal. Rainfall averaged over 1.00 in. north, northeast Texas; over remainder 0.25 in. or less fell.

Crops: Fieldwork remained standstill most parts State, moisture conditions kept harvesting equipment out of fields. Little harvest progress cotton, peanuts, and hay cuttings virtually complete. Cotton remaining for harvest adversely affected continued wet weather. Conditions hampering late harvested spring crops helping fall planted grains, grasses. Excellent growth wheat reported across State. Few problems disease, insects. Cotton harvest progressed slowly, since rainfall kept many farmers out of fields. Both grade, quality deteriorating in fields unharvested. Mature cotton continues "string out." Harvest behind normal progress, will extend into new year. Statewide condition 64% of normal. Current reported conditions 41% good; 41% fair; 12% poor; and 6% failure. Peanut harvest held to minimum, since most fieldwork hampered by wet conditions. Open weather needed to complete harvesting activities. Soybean harvest virtually complete. Most unharvested fields northern High Plains. Small grains make good to excellent progress, favorable moisture continues to improve conditions. Grazing plentiful, helping reduce dependence supplemental feeding. Statewide condition 83% of normal, compared with 70% last year. Current reported conditions 13% excellent; 59% good; 25% fair; and 3% poor.

Cotton open bolls 100% 1984, 100% 1983, 100% average; harvested 70% 1984, 95% 1983, 90% average. Sorghum harvested for grain 100% 1984, 100% 1983, 100% average. Wheat emerged 99% 1984, 99% 1983, 97% average. Peanuts harvested: 97% 1984, 99% 1983, 99% average. Soybeans harvested: 100% 1984, 100% 1983, 99% average. Pecans harvested: 90% 1984, 88% 1983, 84% average. Sunflowers harvested: 99% 1984, 100% 1983, 98% average.

Commercial Vegetables: Mild weather Rio Grande Valley helped vegetables make good progress. Onions making good growth. Cabbage harvest progressing well, nearing completion some areas. San Antonio-Winter Garden, fair weather pushed cabbage harvest near completion. Light supplies broccoli, cabbage, carrots available. Harvest pecans continues across State. Yields many areas poor. Quality improved varieties good.

Range and Livestock: Moisture conditions favorable fall planted grazing crops. Wheat fields muddy High Plains. Unseasonably warm weather southern areas helped grasses, pastures provide new growth for livestock. Overall, livestock good condition.

UTAH: Several frontal storms moved across State during the week. Precipitation moderate to heavy. Maximum temperatures averaged 2° below normal in northeast and Uintah Basin and 9° below rest of State. Minimums were highly variable averaging 5° above normal south and Uintah Basin, except mountainous areas of south were near normal. North, by contrast, averaged 7° below normal.

Ranchers and stockmen western and southern areas hauling feed and water to animals in local areas where heavy snowfall and plunging temperatures caused stress to livestock. Potato, onion, and apple sorting and marketing continued as orders came in.

VIRGINIA: Unseasonably warm air remained over the State through the period. Daily high temperature records were set in many locations 15th and 18th. Cloud cover and nighttime and early morning fog prevented temperatures from falling into the low 20's. Even in normally colder western area in many cases, overnight lows exceeded normal high temperatures. Statewide, temperatures averaged around 17o above normal. Precipitation light during the period, mostly light drizzle and spotty elsewhere. Amounts averaged between 0.25 in. statewide, with the east receiving less than 0.10 in. and west averaging around 0.60 in.

Moisture ratings 6% short, 77% adequate, 17% surplus. Days suitable for fieldwork: 5.4. Harvest of corn complete, soybeans and sorghum grain winding down. Small grains in good condition. Preparing burley, dark-fire and sun-cured tobacco for market. Livestock reported in good condition, feed supplies good. Grazing still good in some areas. Mild weather has helped calving and lambing. Most activities involve machinery repair, butchering, tax work and next year's plans.

WASHINGTON: Significant warming trend at week's end.

Very little activity reported. Snow cover in eastern regions protected fall seeded grains from cold weather. Pruning of fruit trees and grapes curtailed by cold weather. Supplemental feeding of hay to livestock necessary in some areas due to snow cover.

WEST VIRGINIA: Temperatures averaged 14-20o above normal. Low 27o at Green Bank, high 76o at Parkersburg. Rainfall well above normal. Range 0.55 in. at Bluefield, 2.13 in. at Parkersburg.

Soil moisture surplus to adequate. Days suitable for fieldwork averaged 1.8. Feed supplies adequate.

WISCONSIN: The week was generally cloudy with temperatures averaging near seasonal normals. Central and northern sections received 2 to 5 in. of snow on the 21st and 22nd on top of freezing rain and sleet which fell earlier in the day.

The major wheat areas remained without snow cover.

WYOMING: Temperatures averaged 9o below normal. Below normal precipitation with exception of Big Horn drainage.

Winter wheat mostly good condition. Livestock mostly good condition with supplemental feeding in areas with snow cover. Hay supplies adequate most areas. Below normal temperatures and high winds increasing stress on livestock.

CROP PROGRESS

FOR WEEK ENDING DEC 23

COTTON
% HARVESTED

	1984	1983	AVG.
ALA	100	100	100
ARIZ	99	100	93
ARK	99	100	100
CALIF	99	99	99
GA	100	98	100
LA	97	100	99
MISS	97	100	100
MO	95	100	100
N MEX	90	90	93
N C	98	100	98
OKLA	85	95	95
S C	100	100	100
TENN	90	100	100
TEX	70	95	90
14 STATES	84	97	94

THESE 14 STATES PRODUCED 99% OF THE 1983 COTTON CROP.

COTTON
% HARVESTED
SE REGION

	1984	1983	AVG.
ALA	100	100	100
GA	100	98	100
N C	98	100	98
S C	100	100	100
REGION TOTAL	100	99	100

COTTON
% HARVESTED
WEST REGION

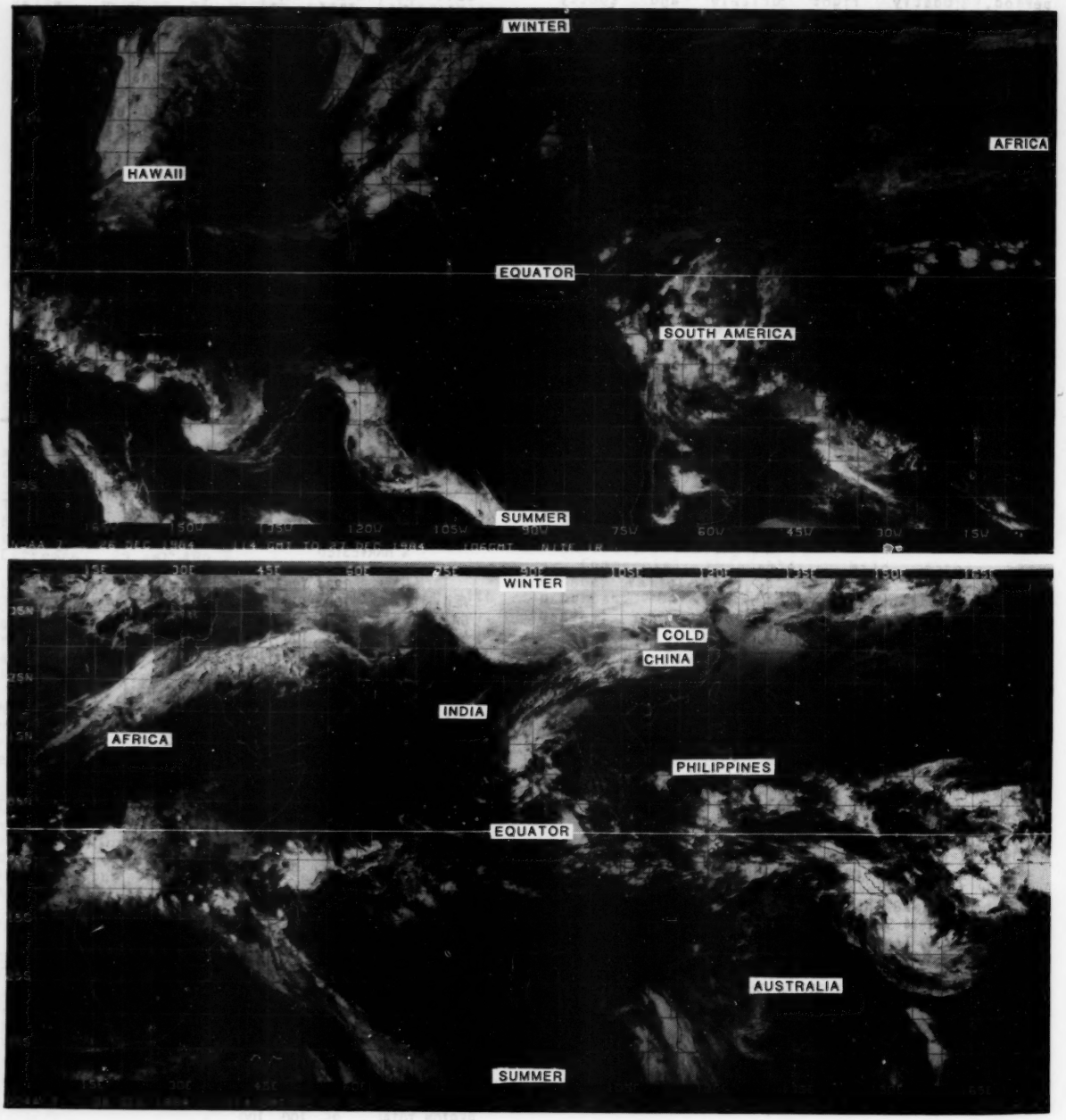
	1984	1983	AVG.
ARIZ	99	100	93
CALIF	99	99	99
N MEX	90	90	93
REGION TOTAL	99	99	97

COTTON
% HARVESTED
DELTA REGION

	1984	1983	AVG.
ARK	99	100	100
LA	97	100	99
MISS	97	100	100
MO	95	100	100
TENN	90	100	100
REGION TOTAL	96	100	100

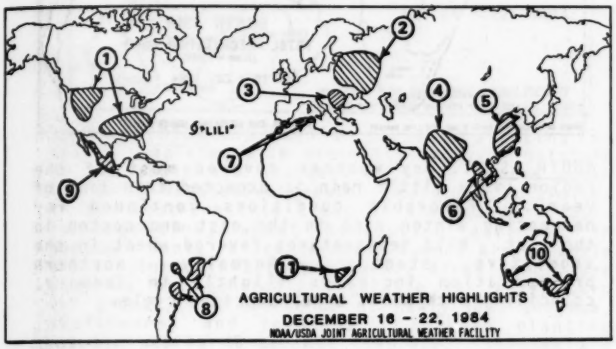
GLOBAL WEATHER SATELLITE PHOTO

December 26 - 27



International Weather and Crop Summary

Dec. 16- 22



Highlights

1. UNITED STATES ... Unusual warmth over the southeastern third of the Nation spurs plant development, including wheat and ornamentals. Abnormal cold across the Northwest stresses livestock, but snow protects wheat. Rain delays completion of cotton and soybean harvest from Texas to the Ohio Valley. Sunny weather favors southeastern fieldwork.

2. WESTERN USSR ... Snow blankets most winter grain areas.

3. EUROPE ... Rain accompanies warming trend over most winter grain areas. Additional moisture is needed to replenish low subsoil moisture in the southeast.

4. SOUTH ASIA ... Dry weather favors winter rice and cotton harvesting.

5. EASTERN ASIA ... Cold weather in the North China Plain did not damage dormant winter wheat.

6. NORTHWESTERN AFRICA ... Timely rains in northeastern Algeria favor winter grains. Dry weather covers winter grain over Morocco, Western Algeria, and Tunisia.

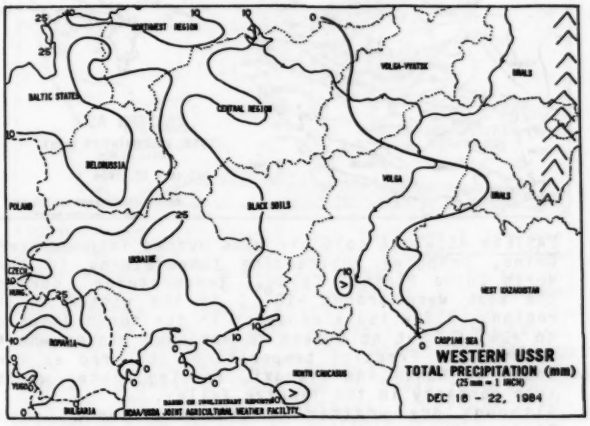
7. SOUTH AMERICA ... Brazil's soybean planting nears completion, while Argentina's wheat harvesting advances. Moisture favors summer crop growth throughout the region.

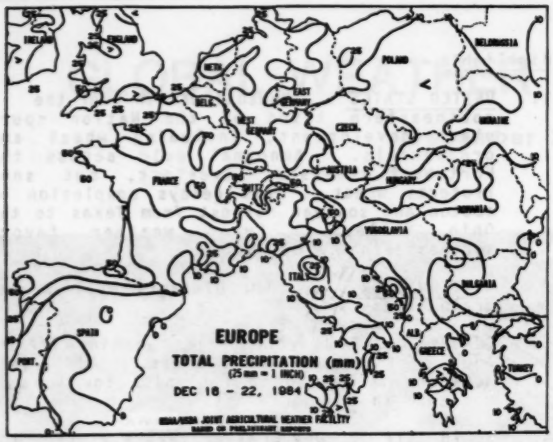
8. MEXICO ... Abundant sunshine aids harvesting.

9. AUSTRALIA ... Wheat harvesting advances with mostly favorable weather. Moisture is adequate for summer crop growth.

10. SOUTH AFRICA ... Recent rain improves crop prospects, but moisture is still limited.

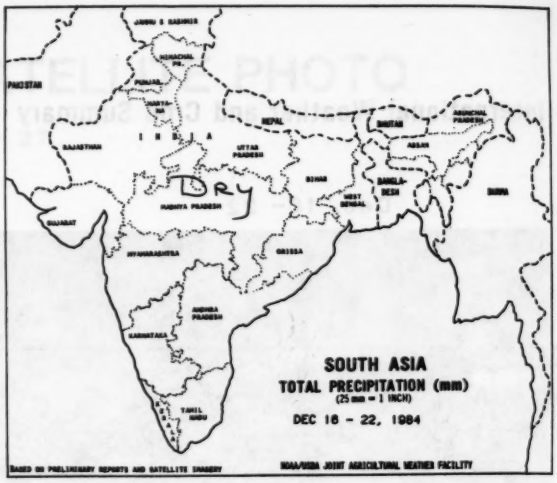
WESTERN USSR...Widespread precipitation (10-25 mm) fell over western winter grain areas, while generally dry weather covered the east. Moderate to heavy snow fell in the west. Winter grain areas in the extreme west may lack a protective snow cover because the early-week snow changed to rain by week's end. Weekly temperatures were 1° C to 2° C below normal in the west, and 3° C to 5° C below normal in the east. The coldest temperatures covered winter grain areas with a protective snow cover.



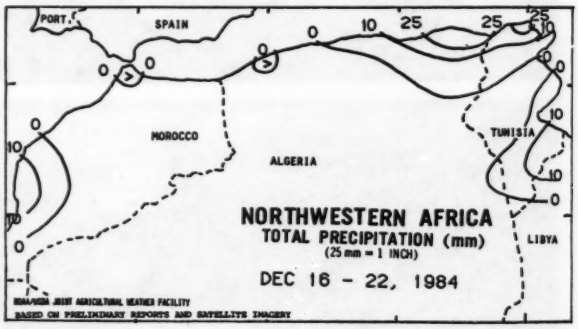


EUROPE...A warming trend took place over much of Europe; and as a result, snow fell at higher elevations, and rain fell elsewhere. Most winter grain areas lack a protective snow cover. Fieldwork in Spain for winter grain planting continued to near completion under mostly favorable weather conditions. Mositure supplies in Spain and Portugal are adequate for emergence and early plant growth. Mostly dry weather covered southeastern Europe, and additional moisture is needed to replenish low subsoil moisture. Winter grain areas in Greece received light showers (less than 10 mm), and cumulative precipitation since mid August has been about 25 percent of normal. A similar precipitation pattern in Turkey has limited wheat establishment.

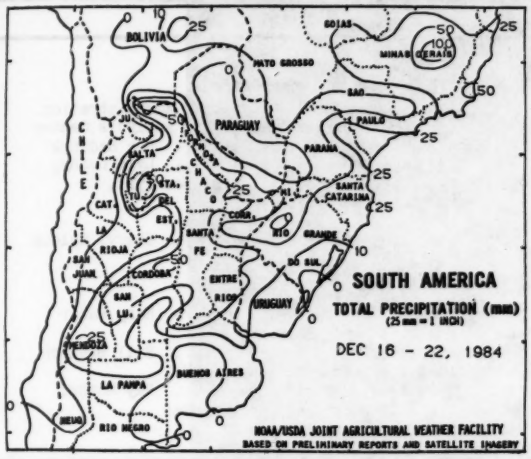
EASTERN ASIA...A cold air mass pushed into eastern China, bringing subfreezing temperatures to the North China Plain. Coldest temperatures during the week were around -10° C in the winter wheat region. A few isolated areas in the north dropped to -14° C, but no damage to hardened winter wheat is likely. Freezing temperatures occurred as far south as Hunan and Jiangxi, forcing winter wheat into dormancy in the Yangtze Valley.
Although dry weather covered the North China Plain, above normal precipitation in early December helped increase moisture supplies. Moderate precipitation (as much as 50 mm) fell in the south with some snow falling south of the Yangtze River.


DRY
SOUTH ASIA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
DEC 16 - 22, 1984
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

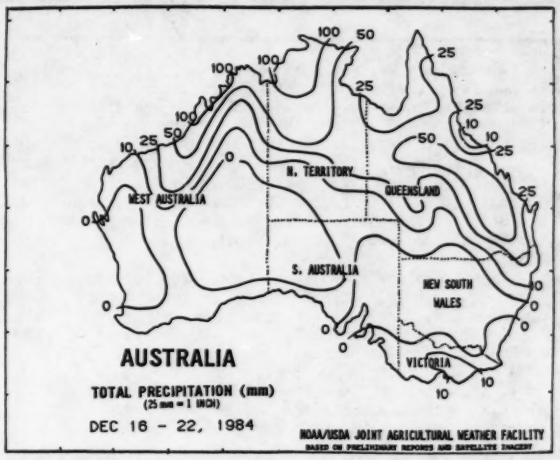
SOUTH ASIA...Dry weather covered most of the region (very little rain is expected this time of year). Favorable conditions continued for harvesting winter rice in the east and cotton in the west. Mild temperatures favored wheat in the vegetative stage. Normally, northern precipitation increases slightly in January, coinciding with wheat's reproductive cycle.



NORTHWESTERN AFRICA...Timely rains (10-25 mm) fell on winter grains in northeastern Algeria, providing favorable topsoil moisture for seed emergence and early growth. Generally dry weather covered winter grains in Morocco, northwestern Algeria, and northern Tunisia, allowing planting to progress. Normally, winter grain planting is complete in Tunisia by the end of December, while planting is nearing completion in Algeria and Morocco. Additional showers are needed in all crop areas to ensure a good start for this year's growing season.

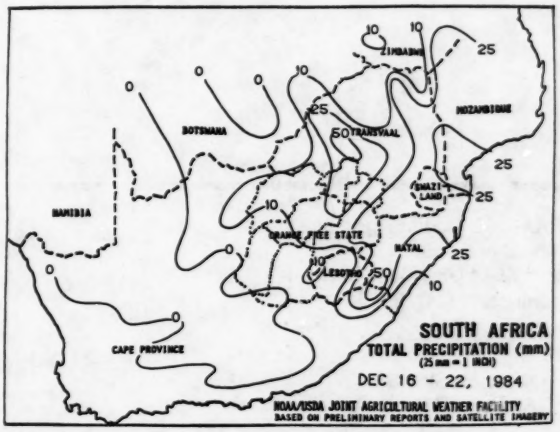

SOUTH AMERICA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
DEC 16 - 22, 1984
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY

SOUTH AMERICA...Brazil's soybean planting is nearly complete, with generally adequate moisture in the south and abundant moisture in the north for early vegetative growth. Moisture is limited in the southern crop areas of Rio Grande do Sul. In Argentina, wheat harvesting advanced in southern Santa Fe and northern Buenos Aires, while wheat matured in southern Buenos Aires. Mositure supplies are generally favorable for early corn for growth, and emergence of newly-sown sorghum, sunflowers, and soybeans. Soybean planting reached nearly 50-percent complete. Sorghum and sunflower plantings are in late stages.


AUSTRALIA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
DEC 16 - 22, 1984
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY

AUSTRALIA...Mostly dry weather aided wheat harvesting throughout the major wheat growing areas. Wheat harvesting is complete in Queensland where summer crops have adequate moisture for vegetative growth. Some showers in southern wheat areas of Victoria and South Australia likely caused only minimal (if any) harvest delays. Late-planted wheat in southern areas is maturing. Harvesting progressed in the west, under generally favorable weather.

MEXICO...Excellent harvest weather generally prevailed. Widespread sunshine allowed harvesting of west coast vegetables, southern Plateau corn, and east coast coffee and sugarcane. A few sprinkles of rain dotted the coastline in the state of Veracruz and along isolated sections of the U.S.-Mexico border. Wet soils dried after previous rains fell over the northwest. Temperatures were generally mild; but it was cooler than normal over the extreme northwest and warmer than usual over the upper northeast.


SOUTH AFRICA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
DEC 16 - 22, 1984
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY

SOUTH AFRICA...Scattered rain throughout the week benefited much of the Maize Triangle. Light showers (about 10 mm) in the western Transvaal and Orange Free State favored early growth, but above-normal temperatures increased the evaporative loss. Soil moisture remains short. Light to moderate rain in the central and eastern corn areas maintained adequate moisture for vegetative growth. Moderate to heavy rain (25-75 mm) in the central Transvaal improved crop prospects from earlier unfavorable dryness.

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